P. A. SACCARDO

MYCOLOGIAE VENETAE

SPECIMEN

(Adjectae sunt tab. col. XIV.)

PATAVII

TYP. P. PROSPERINI

1873.

MYCOLOGIAE VENETAE

SPECIMEN

Nell' anno 1871 il chiarissimo Barone Lodovico de Hohenbühel-Heufler sulla scorta delle opere dei nostri floristi compilò una *Enumeratio Cryptogamarum Italiae Venetae,* nella quale la classe dei funghi in ispecie è rappresentata così scarsamente da dimostrare con tutta evidenza che codesta coorte così vasta e così importante del regno vegetale era rimasta presso di noi quasi del tutto inesplorata. In fatto una tabella comparativa posta in calce al ricordato lavoro dell' Hohenbühel dimostra che per le province venete sono note 245 specie di funghi, mentre per l'Austria superiore se ne conoscono già 1242. Esaminando in vero quali siano state le ricerche e gli studi fatti pubblici in tale ramo nei nostri paesi si riconosce che risalgono quasi tutti al principio di questo secolo, cioè ai lavori del Pollini e del Naccari, i quali dediti più specialmente allo studio delle fenerogame e sprovveduti dei mezzi sussidiarj che si hanno oggidì per lo studio delle crittogame, di quest'ultime in generale non notarono che le forme le più ovvie o le più appariscenti della nostra regione.

Spinto dall'esistenza di questa larga lacuna della nostra flora, ho rivolto da oltre un anno le mie ricerche alla Micologia Veneta e segnatamente alla trivigiana e padovana ch'ebbi maggior agio di studiare. Mi trovai a vero dire più volte quasi affogato in mezzo ad un *mare magnum* di forme le più varie e le più mutabili, e bene spesso diversissime anche a seconda degli stati del loro polimorfismo; ma l' interesse ognor crescente che mi avvinceva a questi

prodotti che a me tornavano semp nuovi e che, talora sordidi e plebei al nudo occhio, sono sempre mirabilissimi quando se ne sviscera l'intima struttura al microscopio, mi diè lena a perseverare nell'opera ed oggi, benchè mi trovi tuttavolta lontanissimo dalla meta, pure il cumulo delle forme osservate è certamente venuto abbastanza grande perchè meriti che io, quasi saggio lusinghiero, mi arrischi di farlo pubblico. In vero le 245 specie di funghi veneti della Enumerazione dell' Hohenbühel oggi sono portate ad oltre 1000, cioè a dire ben più che quadruplicate. E questo risultato dovuto ad indagini fatte durante breve tempo e solo in pochi luoghi del Veneto ci è arra sicurissima che una esplorazione estesa diligentemente a tutte le provincie nostre ci farà conoscere una fra le più ricche e interessanti flore micologiche.

Delle specie annoverate in questo lavoro ben molte sono da aggiungersi alla flora italiana e 55 di queste mi sono risolto di proporre ai micologi come nuove, di cui 10 Imenomicetee, 38 Ascomicetee, 1 Uredinea, e 6 funghi imperfetti. Sgraziatamente non potei consultare parecchie opere e collezioni micologiche di molta importanza e quindi potrebbe darsi che alcuna delle mie specie fosse già stata anteriormente pubblicata da qualche autore ed io sarò grato ai botanici che me ne dessero avviso per farne l'opportune rettificazioni. Ho creduto di fare cosa utile aggiungendo al lavoro parecchie tavole nelle quali ho avuto cura di figurare non solo le specie nuove ma molte altre o critiche, o che non erano state figurate antecedentemente.

Nell'ordinare tassonomicamente il lavoro ho seguito le orme dei valenti crittogamisti Fries, De Notaris, De Bary, Tulasne, Fuckel, e qui mi è sommamente gradito il constatare che la Micologia deve una parte del suo progresso scientifico ad illustri italiani; al Micheli e al Battarra che tracciarono acutamente i primi ordinamenti; al Vittadini che riformò ed illustrò dottamente e splendidamente gli ordini delle Tuberacee e Licoperdacee, ed al vivente prof. De Notaris (1),

(1) Vedasi: De Notaris, *Cenni sulla tribù dei Pirenomiceti sferiacei* (*Giorn. bot. ital.* 1844 Vol. I. 322. — *Osserv. su alcuni generi e specie della tribù dei Pirenomiceti sferiacei* (*Gior. bot. ital.* 1844 Vol. II. 38) ecc., nei quali lavori stabilì l'importanza primaria dei caratteri corpologici interni per la classificazione di questi funghi e su queste basi fondò alcuni nuovi generi. A pag. 335 del primo lavoro or citato enunciò così il suo principio cardinale: « doversi nella distinzione dei ge-

che stabilì il fondamento nuovo e vero della classificazione di uno fra i maggiori e più eletti gruppi di funghi, cioè dei pirenomiceti, coll'adozione dei caratteri corpologici interni, qual base tassonomica di primo ordine; riforma codesta che trovò più tardi in tutti i micologi indistintamente non solo accoglimentò ma il suo più ampio sviluppo ed applicazione.

Seguii poi la dottrina splendidamente inaugurata dai fratelli Tulasne, e professata dal De Bary, dal Fuckel, dal Currey, dal Nitschke, dal Cooke ecc. rispetto al polimorfismo di alcune famiglie di funghi, parendomi che nello stato attuale della scienza non sia più permesso in massima di dubitarne. — Quando infatti noi vediamo sui medesimi rami, sulle medesime foglie, nelle stesse macchie sempre e costantemente comparire o associate o susseguentisi delle entità spermogoniche o picnidiche, o conidiche o ascigere con un'impronta di affinità sorprendente; quando, seguendo le fasi evolutive di una sferiacea qualsiasi, noi vediamo entro ad uno stesso peritecio comparire gli spermazi e poi gli aschi e talora quelli commisti a questi ovvero congiunti alle stilospore; quando osserviamo uno stesso peritecio (p. e. *Helminthosphaeria*) recare nell'interno gli aschi ed esternamente i filamenti conidiofori; quando vediamo uno stesso stroma (p. e. *Eutypa, Xylaria* etc.) recare peritecii ascigeri e conidii; quando nello stesso cespitulo delle Uredinee scorgiamo oriunde da uno stesso micelio uredospore e le teleutospore, e quest'ultime presentare primitivamente e compage e colore identico alle prime; quando finalmente è provato che le teleutospore di *Puccinia Graminis* e *P. Straminis,* cadute, le prime sulle foglie del *Berberis vulgaris* e le seconde sulle foglie delle Borraginee, danno luogo a due diversi *Aecidium,* le cui spore alla loro volta cadute sulle foglie dei cereali riproducono le dette dannose Puccinie, fatti questi noti e paventati dagli stessi agricoltori; io credo che si debba ritenere positivamente che tutte codeste forme appartengono a medesime entità specifiche, il cui stato perfetto (astrazione fatta dalle Imenomicetee, Ipodermee e

»neri e delle specie degli sferiacei attribuire il primo valore ai caratteri che si »possono trarre dalla forma e struttura de'loro sporidii. » Più tardi (1863) insieme al prof. Cesati, il De Notaris pubblicò l'intero *Schema di classificazione degli Sferiacei italiani,* colla istituzione di parecchi nuovi generi e contemporaneamente cominciò a pubblicare la *monografia illustrata degli Sferiacei italiani,* di cui, non certo per difetto dell'Autore, non vide la luce finora che la prima centuria.

Plasmodiofore) è l'ascigero; fenomeno cotesto che rappresenta un polimorfismo più o meno molteplice e che trova qualche cosa di analogo in alcuni animali fra gli insetti e i celenterati. Del resto, mentre questa dottrina si fa ogni dì più positiva, è certo altresì che molto resta a fare per stabilire con tutta sicurezza scientifica i veri rapporti generici e la completa parabola d'evoluzione di ogni specie; ciò che si otterrà di certo, ma non senza superare gravi difficoltà.

Sotto questo riguardo e per l'ordinamento generale mi sono attenuto alle *Symbolae mycologicae* del Fuckel, che raccolgono oltre ai propri anche i risultati già ottenuti dai Tulasne, De Bary ecc. Per non poche specie ho potuto io stesso comprovare l'esattezza delle combinazioni genetiche ammesse dagli autori ed ho ardito proporne parecchie di nuove.

Rispetto alla geografia micologica della nostra regione nulla posso dire di concreto perchè i miei materiali sono ancora insufficienti e fors'anco perchè la distribuzione di questi esseri bizzarri pare si sottragga a molte delle esigenze cui sono soggetti i vegetabili maggiori. Questo posso affermare di certo che una regione veneta ricchissima di funghi e specialmente di imenomiceti è il bosco Montello nel Trivigiano, ove sotto le ombre e alle radici delle annose querce pullulano le più belle, le più grandi e le più saporite specie di *Agaricus, Cortinarius, Hygrophorus, Boletus, Polyporus, Clavaria* etc., molte delle quali si raccolgono in copia dai boscajuoli e con notevole loro vantaggio, freschi o disseccati, si mangiano e si vendono e si spediscono in alcune città venete: questo si riferisce specialmente all'*Agaricus caesareus, A. melleus, Russula virescens, Boletus edulis, B. scaber, Polyporus Pes Caprae,* e varie Clavarie.

Per ciascuna specie notai esattamente le località, per molte le stagioni in cui furon raccolte ed, ove esistono, i nomi vernacoli e gli usi.

Aggiunsi pure qua e là alcune note diagnostiche che ritrassi dall'esame sul vivo e dall'ispezione microscopica. Le misure degli sporidii e degli aschi sono in micromillimetri, cioè in millesimi di millimetro e per brevità ho adottato di interporre fra le cifre delle dimensioni il segno (⏑) rappresentando, ove non è altrimenti indicato, la cifra maggiore la massima lunghezza e la minore la massima larghezza dell'oggetto.

La maggior parte delle specie qui annoverate fu da me rac-

colta (1); non poche però, e specialmente fra i micromiceti, le studiai sugli esemplari raccolti molti anni addietro nell'agro Trivigiano dal Chiarissimo Prof. A. de Bérenger, ora Ispettore Generale dei Boschi, e presentemente possedute dal Sig. A. Giacomelli di Treviso, a cui rendo grazie della fattami concessione.

Mi consta pure che il Chiarissimo Sig. Conte Vittore Trevisan Autore di accurati lavori sul fungo dell'uva, possede copiosi materiali che, utilmente compulsati, arricchirebbero di molto la patria Micologica: e qui mi compiaccio di chiudere queste brevi parole esternandogli il vivo desiderio, che da quella ricca suppellettile voglia al più presto trarne un dotto lavoro onde si arricchisca la nostra flora e la scienza botanica.

(1) Ricordo qui con piacere il bravo e intelligente giovane Sig. Giacomo Bizzozero alunno giardiniere del R. Orto botanico di Padova che raccolse in questi dintorni e mi favorì non pochi funghi, e così pure il Sig. Dott. Caro Massalongo assistente di Botanica in questa Università, il Sig. Dott. M. Allexich Medico provinciale di Vicenza, il Sig. G. B. Zava di Treviso, ed il Sig. Abate Francesco Masè, paroco di Castel d'Ario nel Mantovano, che me ne comunicarono alcune specie.

Nè devo omettere di esternare le dovute grazie agli illustri professori De Notaris e Passerini che mi ajutarono coi loro preziosi consigli.

Classis FUNGACEAE (Juss.)

Subclassis I. MYCELIOPHORAE Fuck.

(Mycetes de Bary)

Cohors I. BASIDIOMYCETEAE de Bary

Subcohors I. HYMENOMYCETEAE Fr.

Ordo I. Agaricineae Fr.

I. AGARICUS L. em. Fr.

Ser. I. LEUCOSPORUS Fr.

Subgenus 1. AMANITA Pers. emend. Fr.

A. **(Amanita)** ***caesareus*** **Scop.**

In sylvaticis collinis et montanis, autumno: *Veronese, Friuli, Euganei, B. Montello, Vittorio,* praecipue vero in sylva *Montello* tarvisina ex qua copiosissime defertur Venetias, Patavium etc. ad usum culinarem; est enim fungus deliciosus.

Vulgo: *Fongo rosso, Fonc ros, Coco bon* (Tarv.) — *Bolè, Bolèo* (Pat. Vic. et Ver.) — *Fongo ovo, Fongo bolado* (Ver.) — *Ceredàn di bosc, Çaratàn di bosc* (Utin.).

Obs. Interdum fungus hic vexatur a *Mycogone rosea* Lk. et tunc vulgo (tarv.) dicitur *Fongo da l'ogio* et pariter comeditur.

A. **(Amanita)** ***ovoideus*** **Bull.**

In sylva *Montello* autumno (Fracchia Ms.) — Esculentus, sed non optimus.

Vulgo: *Gorno, Coco spolvaròn, Farinòn.*

A. **(Amanita)** ***phalloides*** **Fr.**

— var. *ater:* pileo atro-fusco.

In sylvaticis autumno: *B. Montello, Vittorio.* — var. in sylva *Montello.* — Venenatus.

Obs. Pileus estrius, olivaceo-virens, v. ater, centro saturatior.

A. (Amanita) *muscarius* L.
In montanis et collinis: *B. Cansiglio.* — Venenatus.

A. (Amanita) *pantherinus DC.*
Heufl. Crypt. Ven. 63.
In sylvaticis: *B. Mantello, Colli Euganei.* — Venenatus.
Vulgo: *Fongo* o *Fonc Rospèr* (Tarv.).

A. (Amanita) *Mappa* Willd. [non Batsch].
Heufl. Crypt. Ven. 63. Ag. phalloides α et β Poll. Ver. III. 697.
In pascuis alpinis M. Baldi, mense Augusti, magna manu (Poll. l. c.). — Venenatus.

A. (Amanita) *excelsus* Fr.
In sylvaticis, autumno: *B. Montello.* — Venenatus.
Obs. Pileus convexus, subcinereus, verrucis albidis parcis adspersus; stipes subsquamosus.

A. (Amanita) *asper* Fr.
In sylvaticis autumno: *B. Montello.* — Venenatus.
Vulgo: *Fongo, Fonc Rospèr* (Tarv.).

A. (Amanita) *vaginatus* Bull.
Heufl. Crypt. Ven. 63.
— var. *spadiceus* (Pers.).
— var. *lividus* (Sw.).
In sylvaticis et campestribus: *B. Montello, Vittorio, Treviso, prov. Veron.* — Edulis.
Vulgo: *Sbrissariòl de pra, Sbrissariòl terràn* (Tarv.).

Subg. 2. Lepiota Fr.

A. (Lepiota) *procerus* Scop.
In arvis provinciae Tarvisinae, frequens, autumno.
Vulgo: *Pelizòn* (Tarv.). — Edulis.

A. (Lepiota) *excoriatus* Fr.
In arvis prov. *di Treviso,* autumno. — Innocuus.

A. (Lepiota) *citrinus* Pass.

Pass. Funghi parm. in N. Giorn. bot. ital. Vol. IV. N. 1. p. 53.
In calidariis Horti botanici Patavini, primo vere.

A. (Lepiota) *clypeolarius* Fr.

In sylvaticis et campestribus, primovere et autumno: *Treviso, Montello, Vittorio, Padova.* — Innocuus, insipidus.

A. (Lepiota) *ermineus* Fr.

Patavii, prope Hortum botanicum, autumno.
Obs. Pileus laevigatus, stipesque candidi: odor acidulus; sporidia ellipsoidea nonnihil extremitatibus acutata.

A. (Lepiota) *naucinus* Fr.

In agris *a Selva* (prope sylvam *Montello*) et circa *Treviso*, autumno.
Obs. Lamellae sporidiaque in sicco rubescentia.

A. (Lepiota) *cretaceus* Bull.

Bull. Champ. Franc. T. 374, bona. A. caepestipes Fr. Ep. 17.
In agris *a Selva* (*Treviso*), autumno.

A. (Lepiota) *granulosus* Batsch.

— α *Carcharias* (Pers.) Krombh. t. 25. f. 21-25. — Tab. nostr. IV. f. 24.
— β *amianthinus* (Scop.) — Krombh. t. 1. f. 12.
— γ *cortinatus:* pileo albo-cortinato; stipite exanulato, vix furfurato, cavo-medullato; sporidiis ellipsoideis, basi acutatis, albis. — Tab. nostra IV. f. 15-19.
Prope Hortum botanicum Patavinum in arvis, autumno.
— var. β a *S. Biagio di Callalta in prov. Tarvisina* (Fracchia).
— var. γ in sylva *Montello,* autumno.
Obs. Sporidia in var. α ovoidea basi parum acutata (micr. 8 ∽ 6), distincte 1-guttulata; in var. γ majora, ovoideo-cuneiformia, (micr. 12 ∽ 6), intus granulosa.

Subg. 3. Armillaria Fr.

A. (Armillaria) *aurantius* Schäff.

In sylva *Montello,* autumno, frequens. — Non vescus.
Vulgo: *Carniel mat.*
Obs. Species non vere anulata, inde proprius locanda inter Tricholomata cum *A. albo-brunneo* affini. Pileus viscidus, ochraceo-fulvus (non aurantius); stipes ferruginascens, apice albo-squarrosulus; lamellae albae; sporidia rotunda minima. Odor gravis inter olei Ricini et farinae recentis medius.

A. (Armillaria) *melleus* Vahl.

Heufl. Crypt. Ven. 63.
Ad bases truncorum densis caespitibus, autumno: *B. Montello, Padova, Friuli, prov. di Venezia.* — Edulis.
Vulgo: *Chiodeti de roro* o *de rovere* (Montello).

A. (Armillaria) *mucidus* Schrad.

Heufl. Crypt. Ven. 63.
Ad caudices fagorum in prov. Veronensi (Poll. Ver. III. 694).

Subg. 4. Tricholoma Fr.

A. (Tricholoma) *sejunctus* Sow. var. *versicolor* Sacc.

Tab. nostra IV. f. 12-14.
In sylva *Montello,* autumno, raro.
Obs. A typo recedit stipite fistuloso, lamellis periphaerice citrino-pallidis, odore et sapore farinaceo, nec amaro.

A. (Tricholoma) *Russula* Schäff.

In sylva *Montello,* autumno seriore, frequens. — Edulis.
Vulgo: *Carnio, Carniel, Cibin roàn.*

A. (Tricholoma) *vaccinus* Pers.

Heufl. Crypt. Ven. 63.
In sylvis subalpinis Baldi et Lessinensium, aestate (Poll. Ver. III. 691).

A. (Tricholoma) *terreus* Schäff.

In sylva *Montello,* sero autumno. — Edulis.
Vulgo: *Cavarese, Cavariso.*

A. (Tricholoma) *argyraceus* Bull.

Bull. Champ. Franc. t. 423. f. 1. opt.
In sylva *Montello* et Patavii in Horto botanico, primo vere et autumno.
Obs. Stipes demum subcavus; odor subfarinaceus. Ab A. terreo Schäff. satis differt.

A. (Tricholoma) *murinaceus* Bull.

Bull. Champ. Franc. t. 520!
In sylva *Montello,* autumno, rarius.
Obs. Rigidus, crassus, subtenax, ideoque non Hygrophorus murinaceus Fr., sed icon Bull. optime nostrum exprimit.

A. (Tricholoma) *sulfureus* Bull.

In sylva *Montello,* autumno.
Obs. Totus citrinus, tenacellus, foetens.

A. (Tricholoma) *bufonius* Pers. var. *minor* Sacc.

Tab. nostr. IV. f. 1-3.
Patavii in sylvaticis, autumno.
Obs. Est forma minor pileo umbonato atrofusco, margine pallidiore lutescente a typo desciscens, sed notis essentialibus convenit.

A. (Tricholoma) *albellus* DC. ex p., Fr.

Schäff. Fung. Bavar. t. 50.
In sylva *Montello,* autumno seriore. — Edulis.
Vulgo: *Fongo spin, Fonc dal spin.*
Obs. Totus candidus; pileus radiatim tenuiter argenteo-fibrillosus, aquosus, fragilis: odor acidulus.

A. (Tricholoma) *Pes caprae* Fr.

Schäff. Fung. Bavar. t. 14.
In sylva *Montello,* autumno.
Obs. Caespitoso-multiplex, saepe irregularis, odor farinae recentis. Sporidia rotunda, albida.

A. (Tricholoma) *albus* Fr.
In sylva *Montello,* autumno seriore.

A. (Tricholoma) *leucocephalus* Bull. ex p., Fr.
In sylva *Montello,* ubi adest quoque varietas lutescens; autumno.
Obs. Stipes cavus; odor farinaceus.

A. (Tricholoma) *acerbus* Bull.
In sylva *Montello,* serotinus. — Edulis.
Vulgo: *Carnio, Carniel bianco.*

A. (Tricholoma) *grammopodius* Bull.
Bull. Champ. Franc. t. 548 bona.
In graminosis umbrosis Patavii, autumno.
Obs. Stipes conspicue fibroso-lineatus; pileus hygrophanus, fusco-lividus, saepe depressus.

A. (Tricholoma) *putidus* Fr.
In graminosis opacis Patavii, autumno, rarius.
Obs. Odor farinaceus, v. olei Ricini, ingratus.

Subg. 5. Clitocybe Fr.

A. (Clitocybe) *nebularis* Batsch
In sylva *Montello,* autumno (Fracchia MS.).
Vulgo: *Cavariso de fuogo* (Sylvicolae autumant hunc fungum in iis locis tantum provenire, in quibus olim ignis exarsisset).

A. (Clitocybe) *subalutaceus* Batsch
Tab. nostra IV. f. 7-11.
In sylva *Montello,* sero autumno.
Obs. Carnoso-tenax, aridus: pileus initio umbonatus, tandem applanatus, purpureo-lateritius; stipes pallescens; lamellae crassae, inferne venoso-connexae, remotiusculae, undulatae, eximie lutescentes.

A. (Clitocybe) *candicans* Pers.

Bull. t. 575 f. E.

In graminosis subhumidis: *B. Montello, Selva, Vittorio, Padova, Vicenza.*

Obs. Pileus convexo-planus, subumbilicatus; lamellae nunc adnato-decurrentes, nunc subsinuatae; stipes primo ceraceus farctus, dein subcartilagineus, cavusque. Color totius fungi albidus, odor funginus sed gravis.

A. (Clitocybe) *aggregatus* Schäff.

A. glomeratus Poll. Ver. III. 679 tab. II. f. 6.

Heufl. Crypt. Ven. 63.

Ad caudices quercuum in *prov. Tarvisina, Patavina, Veronensi,* autumno. — Edulis sed nimis tenax.

Vulgo: *Chiodeti mati* (Tarv.) — *Gropetini* (Ver.).

A. (Clitocybe) *infundibuliformis* Schäff.

In sylva *Montello,* aestate et autumno, frequens.

A. (Clitocybe) *gilvus* Pers.

Heufl. Crypt. Ven. 63.

Ad pratorum margines et ad arborum caudices in collibus Veronensibus, autumno (Poll. Ver. III. 657). — Edulis.

A. (Clitocybe) *flaccidus* Sow.

Inter folia dejecta in sylva *Montello,* serotinus.

A. (Clitocybe) *Catinus* Fr.

In graminosis *a Selva, Vittorio* (prov. di Treviso).

A. (Clitocybe) *ericetorum* Bull.

Bull. t. 551 f. 1.

In sylva *Montello,* seriore autumno.

Obs. Stipes saepe compressus, superne cavus, inferne farctus.

A. (Clitocybe) *cyathiformis* Fr.

In muscosis, graminosis sylvae *Montello* et collium Veronen-

Obs. In sylva *Montello* legi formam abnormem pileo profunde inflexo, ideoque globose convexo, similem iconi Bull. t. 575 f. N.

A. (Clitocybe) *ditopus* Fr.
In graminosis umbrosis Horti Patavini, autumno.
Obs. Totus fusco-cinereus; lamellae acute adnatae, subdecurrentes, odor fortis farinaceus.

A. (Clitocybe) *fragrans* Sow.
In muscosis *a Consio* agri Tarvisini (Fracchia MS.).

A. (Clitocybe) *pachyphyllus* Fr.
In graminosis umbrosis Horti Patavini, aestate exeunte.

A. (Clitocybe) *laccatus* Scop.
Schäff. t. 13, Bull. t. 570 f. I. Tab. nostra IV. f. 20.
— var. *amethystinus* (Bolt.).
In graminosis, umbrosis: *Montello, Selva, Vittorio, Padova.*
— var. in s. *Montello,* in *M. Baldo,* aestate et autumno.
Obs. Colore, forma, statura proteus; contextus carnoso-lentus fere ut in Marasmio.

Subg. 6. Collybia Fr.

A. (Collybia) *radicatus* Relh.
Heufl. Crypt. Ven. 63.
Ad radices castanearum in sylvis Veronensibus (Poll. Ver. III. 671) aestate et autumno.

A. (Collybia) *longipes* Bull.
Ad radices quercuum in sylva *Montello,* autumno.

A. (Collybia) *fusipes* Bull.
Ad truncos quercuum *a Selva,* autumno.

A. (Collybia) *contortus* Bull.
Ad basim quercuum annosarum in s. *Montello,* autumno.
Obs. Stipites contorti, basi caespitose confluentes, pileique pallide ochracei, carnoso-tenaces more Marasmii.

A. (Clitocybe) *candicans* Pers.

Bull. t. 575 f. E.

In graminosis subhumidis: *B. Montello, Selva, Vittorio, Padova, Vicenza.*

Obs. Pileus convexo-planus, subumbilicatus; lamellae nunc adnato-decurrentes, nunc subsinuatae; stipes primo ceraceus farctus, dein subcartilagineus, cavusque. Color totius fungi albidus, odor funginus sed gravis.

A. (Clitocybe) *aggregatus* Schäff.

A. glomeratus Poll. Ver. III. 679 tab. II. f. 6.

Heufl. Crypt. Ven. 63.

Ad caudices quercuum in *prov. Tarvisina, Patavina, Veronensi,* autumno. — Edulis sed nimis tenax.

Vulgo: *Chiodeti mati* (Tarv.) — *Gropetini* (Ver.).

A. (Clitocybe) *infundibuliformis* Schäff.

In sylva *Montello,* aestate et autumno, frequens.

A. (Clitocybe) *gilvus* Pers.

Heufl. Crypt. Ven. 63.

Ad pratorum margines et ad arborum caudices in collibus Veronensibus, autumno (Poll. Ver. III. 657). — Edulis.

A. (Clitocybe) *flaccidus* Sow.

Inter folia dejecta in sylva *Montello,* serotinus.

A. (Clitocybe) *Catinus* Fr.

In graminosis *a Selva, Vittorio* (prov. di Treviso).

A. (Clitocybe) *ericetorum* Bull.

Bull. t. 551 f. 1.

In sylva *Montello,* seriore autumno.

Obs. Stipes saepe compressus, superne cavus, inferne farctus.

A. (Clitocybe) *cyathiformis* Fr.

In muscosis, graminosis sylvae *Montello* et collium Veronen-

Obs. In sylva *Montello* legi formam abnormem pileo profunde inflexo, ideoque globose convexo, similem iconi Bull. t. 575 f. N.

A. (Clitocybe) *ditopus* Fr.
In graminosis umbrosis Horti Patavini, autumno.
Obs. Totus fusco-cinereus; lamellae acute adnatae, subdecurrentes, odor fortis farinaceus.

A. (Clitocybe) *fragrans* Sow.
In muscosis *a Consio* agri Tarvisini (Fracchia MS.).

A. (Clitocybe) *pachyphyllus* Fr.
In graminosis umbrosis Horti Patavini, aestate exeunte.

A. (Clitocybe) *laccatus* Scop.
Schäff. t. 13, Bull. t. 570 f. I. Tab. nostra IV. f. 20.
— var. *amethystinus* (Bolt.).
In graminosis, umbrosis: *Montello, Selva, Vittorio, Padova.*
— var. in *s. Montello,* in *M. Baldo,* aestate et autumno.
Obs. Colore, forma, statura proteus; contextus carnoso-lentus fere ut in Marasmio.

Subg. 6. Collybia Fr.

A. (Collybia) *radicatus* Relh.
Heufl. Crypt. Ven. 63.
Ad radices castanearum in sylvis Veronensibus (Poll. Ver. III. 671) aestate et autumno.

A. (Collybia) *longipes* Bull.
Ad radices quercuum in sylva *Montello,* autumno.

A. (Collybia) *fusipes* Bull.
Ad truncos quercuum *a Selva,* autumno.

A. (Collybia) *contortus* Bull.
Ad basim quercuum annosarum in *s. Montello,* autumno.
Obs. Stipites contorti, basi caespitose confluentes, pileique pallide ochracei, carnoso-tenaces more Marasmii.

A. (Collybia) *velutipes* Curt.

Ad truncos salignos, querneos etc. in prov. Tarvisina et Patavina, vulgatus, autumno.

A. (Collybia) *confluens* Pers.

Marasmius caepaceus Sacc. Flor. spont. Hort. Pat. in *Giorn. Bot.*, 1872 p. 219, non Fr.

In umbrosis, argillaceis sylvae *Montello* et Horti botanici patavini, acervatus, aestate et autumno.

Obs. Mycelium rhizomorphoideum album, serpens; stipites caespitosi, quandoque duo connati, breves, fistulosi, cinnamomei, sed pruina alba conspersi; pileus undulatus pallide cinnamomeus, sublobatus, lamellae pallidiores, flexuosae; sporidia alba minima. Contextus tenax, odorque alliaceus perfecte marasmioidei.

A. (Collybia) *esculentus* Jacq.

Ad aggeres graminosos *a Selva,* et in *s. Montello.* — Edulis. Vulgo: *Chiodeti de la Madona* (Tarv.).

A. (Collibia) *dryophilus* Bull,

— var. *rufus.*

— var. *lutescens.*

In graminosis, sylvaticis provinciae Tarvisinae, Patavinae, Vicentinae, frequens, a primovere in serum autumnum.

Subg. 7. Mycena Fr.

A. (Mycena) *Adonis* Bull.

In graminosis *a Selva, Vittorio, Padova,* non raro, aestate et autumno.

Obs. Pileus stipesque tenacelli, ideoque ad Marasmios transit.

A. (Mycena) *chloranthus* Fr.

Bull. 560. F. 2. virid.

In muscosis, graminosis *a Selva* prope sylvam *Montello,* autumno.

Obs. Pileus striatulus, stipesque gracilis virentes.

A. (Mycena) *lineatus* Bull.

— var. *atro-cinereus;* pileo obscuriore.

Inter muscos, ad bosim truncorum *a Selva, Costa, Fregona* in prov. *Tarvisina,* rarius, autumno.

Obs. Pileus longitudinaliter lineatus, vertice obscuriore, margine striatulo, pallidiore.

A. (Mycena) *flavo-albus* Fr.

Inter muscos ad basim truncorum Patavii, autumno, rarius.

Obs. Paulo major quam Bull. t. 260, ideoque satius congruit cum *A. hypnicola* Pers. Pileus flavicans.

A. (Mycena) *gypseus* Fr.

Subcaespitosus ad truncos muscosos *a Costa* (Tarv.), autumno.

A. (Mycena) *rugosus* Fr.

Ad basim truncorum in sylva *Montello* et in Horto botanico patavino, autumno.

Obs. Pileus exquisite rugosus. Ob tenacitatem ad Marasmios transit.

A. (Mycena) *galericulatus* Scop.

— var. β *fulvellus:* pileo fulvo striato, stipite lutescente.

— var. γ *albidus:* pileo pallescente.

— var. δ *rhodophyllus:* lamellis roseis.

Ad truncorum bases in sylva *Montello, a Vittorio, Padova.*

— var. β *a Vittorio;* — var. γ et δ *a Padova,* autumno.

A. (Mycena) *polygrammus* Bull.

Ad truncos querneos in sylva *Montello,* rarius, autumno.

Obs. Stipes eximie longitudinaliter nigro-lineatus.

A. (Mycena) *inclinatus* Fr.

Ad truncos quercinos in sylva *Montello,* caespitosus, serotinus.

Obs. Pileus piluliformi-ovoideus, terreus; stipites elongati, basi caespitoso-connexi, ibique albo-strigosi.

A. (Mycena) *filopes* Bull.

— var. *asterigenus:* mycelio exquisite stellato.

Ad truncos arborum frondosarum Patavii, aestate.

A. (Mycena) *vitilis* Fr.

Bull. t. 518 f. O, optima.

Ad pedes quercuum in sylva *Montello*, rarius, aestate.

Obs. Stipes exilis, praelongus.

A. (Mycena) *Acicula* Schäff.

Ad ramenta, folia dejecta *a Costa, Fregona, Selva* (Treviso), *Padova*, aestate.

A. (Mycena) *dilatatus* Fr.

Ad truncos et ramenta *a Costa, Fregona, Feletto* in prov. Tarvisina, autumno.

Obs. Stipes basi appendice discoidea circulari auctus; lamellae collariatae.

A. (Mycena) *corticola* Schum.

Ad cortices muscosos truncorum *a Vittorio, Padova*, etc. copiose, autumno.

Obs. Stipes in nostris brevissimus, pileusque pallentes.

A. (Mycena) *hiemalis* Osb.

Ad truncos in sylva *Montello;* circa *Veronam* (Poll. Ver. III. 669).

Obs. Stipes longiusculus, furfurellus, pileusque sublutei.

A. (Mycena) *capillaris* Schum.

Ad ramenta lignea Patavii, aestate.

Subg. 8. Omphalia Fr.

A. (Omphalia) *hydrogrammus* Fr.

Inter folia dejecta in sylva *Montello*, autumno.

A. (Omphalia) *umbilicatus* Schäff.

In sylva *Montello*, sero autumno.

Obs. Nostri forma minor, gracilis, candida.

A. (Omphalia) *chrysophyllus* Fr.

In sylva *Montello*, raro, autumno.

Obs. Tenacellus, totus aureo-vitellinus; pileus non mihi visus flocculosus.

A. (Omphalia) *setipes* Fr.

Bull. 560. f. 3.

Inter muscos, in graminosis *a Selva, Vittorio,* autumno.

Obs. Pileus albicans, fusco-variegatus.

A. (Omphalia) *Fibula* Bull.

— var. *candidus* (Fr.).

Inter muscos in sylva *Montello;* var. *a Vittorio, Padova,* aestate et autumno.

Subg. 9. Pleurotus Fr.

A. (Pleurotus) *flabelliformis* Schäff.

Schäff. t. 43, 44. Kromb. t. 42. f. 1, 2. (Non Panus conchatus Fr.).

Ad truncos fagineos in sylva *Cansiglio.* — Edulis.

Vulgo: *Fongo del Cansegio.*

A. (Pleurotus) *dryinus* Pers.

Ad truncos quercuum in sylva *Montello,* raro.

A. (Pleurotus) *ulmarius* Bull.

Ad truncos varios in sylva *Montello, a Padova* etc., aestate et autumno.

A. (Pleurotus) *lignicola* Sacc. [species nova].

Tab. nost. IV. f. 4-6.

Albus, carnoso-tenax, pileo irregulari explanato sub-umbilicato, flocculoso-pruinoso; stipite firmo, farcto, elongato, incurvo nonnihil excentrico, primitus flocculoso; lamellis adnato-decurrentibus, confertis, inaequalibus latiusculis, candidis; sporidiis cylindraceo-oblongis apice rotundatis, saepe 2-4 guttulatis, microm. 14 ~ 4. — Odor farinae recentis.

In trunco Juglandis regiae dejecto Patavii, Novembri.

Obs. Ab A. lignatili Fr. differt lamellis decurrentibus, nec tantum adnatis, stipite elongato firmo, nec e farcto-cavo tenui, sporidiis exquisite cylindraceis nec ovoideis.

A. (Pleurotus) *petaloides* Bull.

In sylva *Montello,* autumno, raro.

Obs. Est forma pileo rubro, stipite longiusculo.

A. (Pleurotus) *ostreatus* Jacq.

Ad truncos excisos populneos in finibus agri Veronensis cum Mantuano. — Edulis.

Vulgo: *Bertolane, Meline.*

A. (Pleurotus) *porrigens* Pers.

Ad truncos pineos et fagineos in *M. Baldo,* Augusto (Poll. Ver. III. 631).

A. (Pleurotus) *olearius* DC.

Ad olearum truncos prope *Bassano* (Larb. Funghi 2. 209.).

A. (Pleurotus) *applicatus* Batsch

— var. *albidus:* pileo albicante.

Ad truncos cariosos praecipue querneos *a Selva, Vittorio, Treviso* etc. — var. *a Feletto.*

Obs. Variat perpusillus et majusculus, qualis pingitur a Bull. t. 581 f. 2.

Ser. II. HYPORRHODIUS Fr.

Subg. 10. VOLVARIA Fr.

A. (Volvaria) *parvulus* Weinm.

Ad aggeres graminosos *a Selva,* autumno.

A. (Volvaria) *bombycinus* Schäff.

Heufl. Crypt. Ven. 64.

Ad truncos Castanearum prope vicum *Dolo, prov. di Venezia* (Martens Reis. nach Vened. II. 648 sub nom. *Amanitae incarnatae* Pers.).

A. (Volvaria) *glojocephalus* DC.
In graminosis sylvae *Montello,* et Patavii, aestate.

Subg. 11. Pluteus Fr.

A. (Pluteus) *cervinus* Schäff.
In graminosis collinis ad truncos *a Costa* (prov. Treviso).

A. (Pluteus) *umbrosus* Pers.
Pers. Ic. et descr. t. II. f. 5. 6.
In umbrosis, subhumidis Patavii, autumno.
Obs. Pilei margo ciliato-fimbriatus, umbo granulato-villosus; lamellae liberae, carneae, serrulatae; stipes fibrillosus ut Pers. l. c., non villoso-aquamosus ut Fr. Epicr.

A. (Pluteus) *nanus* Pers.
In sylva *Montello,* autumno.
Obs. Stipes in nostris longior et strictior quam in Bull. 547. f. 3. Pileus leviter fibrilloso-atomatus.

A. (Pluteus) *montellicus* Sacc. [species nova]
Tab. nostra V. f. 1-3.
Pileo carnoso-spongioso, arido, convexo-expanso, lutescente, glabriusculo, stipite farcto, fibroso, extus obscure fibrilloso, rufescente, incurvo, ab hymenophoro discreto; lamellis liberis, subconfertis, olivascenti-griseis; sporidiis majusculis (micr. 10 ∽ 8) ellipsoideis, apiculatis, roseis, 1-guttulatis.
In sylva *Montello,* autumno seriore.
Obs. Affinis videtur *A. Petasato* Fr. a quo differt pileo nec viscido nec margine striato, lamellarumque colore.

Subg. 12. Entoloma Fr.

A. (Entoloma) *sericellus* Fr.
Bull. t. 524. f. 2.
In sylva *Montello,* in graminosis, octobri.
Obs. Pileus subhemisphaericus, subumbonatus, albidus centro lutescens; stipes subfistulosus molliusculus.

A. (Entoloma) *clypeatus* L.

— var. *minor*.

In sylva *Montello* inque graminosis *a Selva, Padova,* autumno.

Obs. Inodorus. Stipes subfarctus extus fibrillosus; lamellae roseae crenulatae; quibus characteribus ab A. sericeo similimo recedit.

A. (Entoloma) *rhodopolius* Fr.

Bull. t. 564. f. C. D. E.

In umbrosis Horti botanici Patavini, autumno.

Obs. Pileus hygrophanus, margine pellucido-lineatus, sed laevis. Sporidią majuscula angulata rubello-fuscescentia, sterigmate subpersistente, ideoque apiculata.

A. (Entoloma) *sericeus* Bull. ex part., Fr.

Bull. t. 413 f. 1.

In pratis Patavii, aestate.

Subg. 13. Clitopilus Fr.

A. (Clitopilus) *Orcella* Bull.

— var. β *minor*.

In sylva *Montello,* frequens; — β in collibus *a Vittorio,* autumno.

Etsi optime vescus a nostratibus negligitur.

A. (Clitopilus) *Prunulus* Scop.

In pratis et sylvis muscosis Veronens. (Poll. Ver. III. 659).

Subg. 14. Leptonia Fr.

A. (Leptonia) *lampropus* Fr.

Tab. nostra V. f. 7-9.

In graminosis a *Fregona* et *Feletto* in collibus, autumno.

A. (Leptonia) *Aethiops* Scop.

In graminosis umbrosis sylvae *Montello,* et collium prope *Vittorio,* autumno.

Obs. Pileus eximie nigro-velutinus; stipes non mihi visus nigro-punctatus, sed laeviusculus.

A. (Leptonia) *euchrous* Fr.

Ad truncos coryleos et alneos *a Selva* et *Fregona,* autumno.

A. (Leptonia) *Bizzozerianus* Sacc. [species nova]

Tab. nostra V. f. 4-6.

Pileo carnoso-membranaceo, umbonato-expanso, atro-cinereo, obscurius furfurato, stipite cartilagineo-flexili, fistuloso, deorsum attenuato atropurpureo, glabro; lamellis adnexis, dain secedentibus, subconfertis, atropurpureo-vinosis; sporidiis ellipsoideis, primo albis, dein roseis 1-guttulatis (micr. 6 ⌣ 3). — Odor rancidus gravis.

In Horto botanico Patavino ad terram herbidam, autumno.

Dedit egregius Horti alumnus cultor Jacopus Bizzozero, cui dicatam volui speciem.

Obs. Affinis *A. calimorpho* Weinm. a quo facile distinguitur lamellis haud nigro-marginatis et odore gravi.

A. (Leptonia) *chalybaeus* Pers.

In herbosis udis Horti botanici Patavini, aestate.

Subg. 15. Nolanea Fr.

A. (Nolanea) *pascuus* Pers.

Henfl. Crypt. Ven. 64.

In pascuis sylvae *Montello* et collium Veronensium, autumno.

Obs. Inodorus, stipite fibroso, pileo fuligineo.

A. (Nolanea) *mammosus* L.

Bull. t. 526.

In sylva *Montello,* autumno.

Obs. Pileus mammiformis, sericeo-fibrillosus; stipes subfarctus; lamellae griseae; odor proprius, farinaceo-terreus.

A. (Nolanea) *pleopodius* Bull.

Bull. t. 556. f. 2.

In sylva *Montello,* in graminosis, autumno.

Subg. 16. Claudopus Smith.

A. (Claudopus) *variabilis* Pers.

Tab. nostra VI. f. 9.

Ad ramulos, ramenta dejecta in sylvaticis: *B. Montello, Vittorio, Padova, Vicenza.*

A. (Claudopus) *inaequabilis* Sacc. [spec. nova]

Tab. nostra VI. f. 5-8.

Totus ferrugineus, stipitatus; pileo inaequali, obliquo, submembranaceo, glabrescente, margine demum striatulo; lamellis subconfertis, sinuato-liberis, ventricosis; stipite maxime excentrico, brevi, incurvo, basi dilatato; sporidiis ovoideis, dilute cinnamomeis (micr. 8 ~ 6).

Ad truncos Robiniae Pseudoacaciae, Patavii, Decembre, rarius.

Obs. Ab *Ag.* (*Naucoria*) *horizontali* Bull. differt stipite maxime excentrico, ab *A. variabili* recedit praesentia stipitis, colore et positione pilei et sporidiis majoribus (in A. variabili sunt micr. 7 ~ 5).

A. (Claudopus) *byssisedus* Fr.

A. byssoides Pers. Ic. et descr. t. 14. f. 4, ubi major quam noster et stipes nimis indistinctus.

Ad truncos querneos in sylva *Montello* et *a Selva,* autumno.

Ser. III. DERMINUS Fr.

Subg. 17. Pholiota Fr.

A. (Pholiota) *praecox* Pers.

In herbosis et campestribus provinciae Tarvisinae et Patavinae, frequens, vere et aestate. — Edulis.

Vulgo: *Fonghi, fongheti marzioi.*

Obs. Totus dilutissime flavicans; pileus junior hemisphaericus inferne complete velatus; sporidia ovoidea, ferruginea, quaternata.

A. (Pholiota) *pudicus* Bull.
Tab. nostra VII. f. 1-3. (var. *squarrulosus*).
— A. leochromus Cooke Brit. Fung. Tab. 1. f. 2 (vix varietas).
Ad truncos populneos *a Selva, Padova,* autumno. — Edulis.
Obs. Stipes in nostris infra anulum squarroso-squamulosus, basi intus subrhabarbarinus; pileus fulvellus pellicula dein centro rimosa; odor gravis subalcoholicus, acidulus.
Vulgo: *Fongo de talpòn* (Tarv.).

A. (Pholiota) *Aegerita* Fr.
Batt. t. 6. E, bene.
Ad populos *a Costa* prope *Vittorio,* rarius octobri.
Obs. Piłeus primitus cortinatus; anulus laceratus.

A. (Pholiota) *destruens* Brond.
Batt. t. 8. f. H. junior.
Ad populos *a Selva,* autumno.
Obs. Initio totus squamoso-floccosus albido-flavicans.

A. (Pholiota) *squarrosus* Müll.
Ad radices carpineas et querneas in sylva *Montello,* alibique.
Vulgo: *Chiodeti de Carpene.* — Esculentus.

A. (Pholiota) *mutabilis* Schäff.
In sylva *Montello,* et circa *Zermàn, Canizzàn,* in prov. Tarvisina, ad caudices arborum frondosarum, autumno. — Edulis.
Vulgo: *Broche, Brochete.*

Subg. 18. Hebeloma Fr.

A. (Hebeloma) *fastigiatus* Schäff.
In sylvaticis *a Feletto* et in sylva *Montello,* autumno.
Obs. Ab. *A. rimoso,* praeter pilei formam, differt stipite ubique flocculoso-sericeo.

A. (Hebeloma) *rimosus* Bull.
— var *destrictus* Fr.

In herbosis, udis provinciae Patavinae et Tarvisinae frequens, aestate et autumno.

Obs. Magnitudine maxime varius. Lamellae margine serrulatae. Odor terreus, acidulus.

A. (Hebeloma) *geophyllus* Sow.

In herbidis, sylvaticis Patavii, autumno.

A. (Hebeloma) *fastibilis* Pers. ex p. Fr.

In sylvaticis umbrosis agri Veronensis, autumno (Poll. Ver. III. 673).

A. (Hebeloma) *Clavus* Batsch

Pers. Ic. e Descr. t. 5. f. 34.

In sylva *Montello,* autumno.

A. (Hebeloma) *punctatus* Fr.

In sylva *Montello,* — Noxius.

Vulgo: *Cavariso mat.*

Subg. 19. Flammula Fr.

A. (Flammula) *flavidus* Schäff.

Schäff. t. 35. bene.

Ad truncos arborum frondosarum in sylva *Montello,* et prope Venetias.

A. (Flammula) *vinosus* Bull.

Bull. t. 54!

In herbosis humidulis *a Vittorio,* autumno.

Obs. Lamellae denique ferrugineae.

Subg. 20. Naucoria Fr.

A. (Naucoria) *pygmaeus* Bull.

Bull. t. 525. f. II. optime.

Ad truncos cariosos *a Selva e Montello,* autumno.

Obs. In mentem revocat Ag. (Psathyrellam) disseminatum, sed pileo convexo-expanso et sporidiis ochraceo-ferrugineis.

A. (Naucoria?) *leimophilus* [Poll.] Heufl.

Heufl. Crypt. Ven. 64. A. melinoides β leimophilus Poll. Ver. III. 668.

In pratis prov. Vicentinae et Veronensis (Poll. l. c.).

Obs. Cl. Heufler l. c: e varietate Polliniana speciem effecit, quia eidem Pollinius lamellas liberas adscribit, quae e contra adnatae sunt in *A. melinoide* Fr. — Specimina vero in herbar. Polliniano asservata Hygrophori speciem potius sistere mihi videntur.

A. (Naucoria) *pediades* Fr.

In arvis, pratis tarvisinis, patavinis, vicetinis frequens, aestate et autumno.

A. (Naucoria) *semiorbicularis* Bull.

Ad terram in Horto botanico Patavino, aestate.

A. (Naucoria) *tabacinus* DC.

Ad terram in Horto Patavino, aestate.

A. (Naucoria) *Erinaceus* Fr.

Ad ramos dejectos querneos in sylva *Montello,* raro, autumno.

A. (Naucoria) *conspersus* Pers.

— var. *uliginosus* Fr.

In Horto botanico Patavino.

A. (Naucoria) *segestrius* Fr.

Ad ramulos, ramenta in sylva *Montello,* autumno.

Obs. Pileus depressus, primitus margine involutus, innato-fibrilloso-sericeus; stipes subfarctus.

Subg. 21. Tubaria Smith (1870).

A. (Tubaria) *furfuraceus* Pers.

Ad ligna dejecta, inter ramenta sylvae *Montello* et Patavii, autumno.

Subg. 22. Galera Fr.

A. (Galera) *lateritius* Fr.

In herbosis pinguibus *a Vittorio,* autumno.

A. (Galera) *tener* Schäff.

In pratis et aggeribus herbidis viarum in prov. di *Treviso, Padova, Venezia, Vicenza,* frequens, aestate et autumno.

A. (Galera) *Hypnorum* Batsch

— var. *Bryorum* Pers.

In muscosis umbrosis provinciae *di Treviso, Padova, Verona,* autumno.

Subg. 23. Crepidotus Fr.

A. (Crepidotus) *mollis* Schäff.

In truncis cavis cariosis Aesculorum Patavii et ad varios caudices in prov. Veronensi, autumno.

Obs. Pileus saepe e sporidiis testaceo-inquinatus; odor farinaceus debilis.

Ser. IV. PRATELLA Fr.

Subg. 24. Psalliota Fr.

A. (Psalliota) *campestris* L.

In arvis et pratis totius agri veneti, et in calidariis Horti Patavini, aestate et autumno.

Vulgo: *Fongo pradariol, Rossetto de prà* (Tarv.), *Fonghi de Prà* (Vicet.), *Funghetto, Puinòn* (Veron.), *Fong duriès, Duriès, Pradarùl, Ceredan di prad* (Utin.). — Esculentus.

A. (Psalliota) *sylvicola* Vitt.

In sylva *Montello,* autumno.

A. (Psalliota) *arvensis* Schäff.

In arvis et pratis prov. Tarvisinae, autumno.

Vulgo aeque ac *A. campestris* appellatur et pariter edulis.

A. (Psalliota) *sylvaticus* Schäff.
In sylvaticis prov. Tarvisinae et Patavinae, autumno.
Obs. Radix cylindrico-filiformis, durior.

Subg. 25. Stropharia Fr.

A. (Stropharia) *aeruginosus* Curt.
In campestribus Tarvisinis, autumno (Fracchia MS.).
Vulgo: *Chiodeto sbrissariol.* — Non vescus.

A. (Stropharia) *obturatus* Fr.
Tab. nostra IV. f. 21-23.
In agris prov. Tarvisinae, *a Selva,* et Patavii, autumno.
Obs. Pilei pellicula viscida, lamellae acie albicantes.

A. (Stropharia) *stercorarius* Fr.
Ad terram herbosam *a Selva* in prov. Tarvisina, autumno.

Subg. 26. Hypholoma Fr.

A. (Hypholoma) *sublateritius* Fr.
Schäff. t. 47. f. 6, 7.
Ad truncos putrescentes in sylva *Montello,* autumno.

A. (Hypholoma) *fascicularis* Huds.
Ad truncos annosos in s. *Montello, a Selva, Vittorio, Padova,* frequens, autumno.
Obs. Locis siccioribus minor evadit, et lamellae magis consistentes fiunt; an haec forma *A. elaeodes* Fr., Bull. t. 30?

A. (Hypholoma) *lacrymabundus* Fr.
Ad truncos cariosos *a Selva,* rarius, autumno.
Obs. Stipes brevior, pileusque firmiores quam *Agarici velutini.*

A. (Hypholoma) *velutinus* Pers.
Ad basim truncorum et inter sarmenta in sylva *Montello,* et in Horto bot. Patavino, aestate et autumno.

A. (Hypholoma) *appendiculatus* Bull.

— var. β *pallens:* pileo pallide lutescente.

— var. γ *minor:* pileo flocculoso lutescente, stipite breviore.

Tab. nostra VI. f. 1-4.

In truncis caesis in sylva *Montello, a Selva, Vittorio, Padova,* aestate et autumno, frequens; var. β cum specie sed rarior, var γ ad terram *a Selva.*

A. (Hypholoma) *hydrophilus* Bull.

Bull. t. 511.

Circa truncos, in ramentis sylvae *Montello,* autumno.

Obs. Junior cortinatus; hydrophanus; sporidia mihi visa ferruginea, ideoque potius derminus, quam pratella.

Subg. 27. Psilocybe Fr.

A. (Psilocybe) *spadiceus* Schäff.

In Horto botanico Patavino ad bases truncorum, aestate.

Obs. Pileus vegetus in nostris roseo-pallens.

Subg. 28. Deconica Smith (1870).

A. (Deconica) *coprophilus* Bull.

Bull. t. 566. f. 3. bona.

In fimo equino exoleto in collibus *a Vittorio,* autumno.

Obs. Pileus viscidus, rufescens, hygrophanus; pellicula dum uda facile a pileo secedens; sporidia ellipsoideo-acuminata, majuscula, atrorubra.

Subg. 29. Psathyra Fr.

A. (Psathyra) *gyroflexus* Paul.

Schäff. t. 211!

Ad truncos marcescentes *a Selva* et in *s. Montello,* autumno.

Obs. Stipes plerumque flexus v. arcuatus; sporidia atropurpurea, caeteroquin *Ag. disseminato* valde affinis.

A. (Psathyra) *spadiceo-griseus* Schäff.

Ad truncos putrescentes in *s. Montello* et Patavii, autumno.

A. (Psathyra) *obtusatus* Fr.
Ad basim truncorum in Horto bot. Patavino, aestate.

A. (Psathyra) *gossypinus* Bull.
Ad terram herbosam *a Selva,* autumno, rarius.

Ser. V. COPRINARIUS Fr.

Subg. 30. Panaeolus Fr.

A. (Panaeolus) *fimiputris* Bull.
In sterquilinis Patavii, Vicetiae, aestate.

A. (Panaeolus) *campanulatus* L.
Ad terram fimetosam *a Selva, Padova,* aestate et autumno.
Obs. Pileus primo tenuiter-albo-cortinatus, dein nudus, nitidus.

A. (Panaeolus) *papilionaceus* Bull.
In sterquilinis *a Selva, Vittorio, Padova,* aestate et autumno.
Obs. Solitarius v. subcaespitosus; pileus interdum rugosulus; lamellae acie albicantes.

Subg. 31. Psathyrella Fr.

A. (Psathyrella) *gracilis* Fr.
In herbosis humidulis *a Selva, Vittorio, Padova,* aestate et aut.
Obs. Saepe caespitosus; stipes strictus; pileus cinereo-roseus margine crenulatus et striatulus, centro pallidior; lamellae cinereo-nigricantes margine amoene roseae.

A. (Psathyrella) *hiascens* Fr.
In herbidis humidulis *a Costa* prope *Vittorio,* rarius, autumno.
Obs. Pulchellus fungus, tenacellus; pileus hemisphaerico-umbonatus, praeter umbonem striatus, subochraceus; stipes subtilis, elongatus, flavus; sporidia ellipsoidea, atra.

A. (Psathyrella) *disseminatus* Pers.
— var. *pallens.*
Ad truncos cariosos in agro tarvisino, patavino, vicetino, Venetiarum, aestate et autumno.

2. COPRINUS Fr.

C. comatus (Pers.) Fr.

In terra pingui provinciae *di Venezia* (Nacc. Ven. VI. 16), *di Padova* (Zigno Crypt. Pat. 2).

C. ovatus (Schäff.) Fr.

In terra humosa pingui *a Selva*, autumno.

C. atramentarius (Bull.) Fr.

In humosis, pinguibus, prope sylvam *Montello* et in provinciae *di Venezia*, autumno.

C. picaceus (Bull.) Fr.

In umbrosis sylvae *Montello*, autumno.

C. fimetarius (L.) Fr.

— var. *cinereus* Schäff.

In fimetis tarvisinis, patavinis, vicetinis, Venetiis, frequens, aestate et vere.

C. tomentosus (Bull.) Fr.

In fimetis Patavii, aestate.

C. niveus (Pers.) Fr.

In fimetis Patavii, *a Selva*, aestate et autumno.

C. micaceus (Bull.) Fr.

— var. *truncorum* (Schäff.) pileo micore subcarente, stipite basi rigidulo, glabro.

Ad terram humosam, fimetosam omnium provinciarum.

— var. ad truncos, aestate et autumno.

C. Digitalis (Batsch) Fr.

Ad basim truncorum Patavii, autumno.

Obs. Pileus submembranaceus cylindraceo-conicus, leviter sed crebre striatulus, laevis, glaber, viscidulus, ochraceus; stipes cylindricus, cavus, aequalis, albus; lamellae lanceolatae

ex albo nigricantes; sporidia rubido-nigricantia. Affinis Cop. congregato (Bull.) Fr., a quo lamellis lanceolatis, nec linearibus, et stipite longiusculo nec brevi differt.

C. frustulorum Sacc. (species nova).

Tab. nostra VI. f. 10-14.

Albus, pileo tenui ovato-campanulato, acutiusculo, furfure micaceo rubello obtecto, estrio; stipite fistuloso, primitus crussiuscule conico, brevissimo, subsericeo, tandem elongato, cylindraceo, subtiliore; lamellis liberis ventricosis, ex albo-rubellis, denique atris; sporidiis ovoideis, micr. 8 - 6, rubentibus dein atropurpureis.

In frustulis radicum, ramorum etc. *a Vittorio* et Patavii, aestate.

Obs. Differt a C. stercoreo Fr., cui valde affinis, lamellis liberis nec adnexis, furfure pilei rubello nec albo, margine estrio, nec demum striato, habitatione diversa et postremo quia difficilius deliquescit.

C. ephemerus Fr.

In fimetis *a Vittorio,* autumno.

C. plicatilis (Curt.) Fr.

In herbidis humosis, ad vias provinciae tarvisinae et patavinae, non raro; aestate et autumno.

3. CORTINARIUS Fr.

1. Phlegmacium Fr.

C. (Phlegmacium) *balteatus* Fr.

In sylva *Montello,* autumno seriore.

Obs. Pileus obscure terreus, innato-fibrillosus, margine caerulescente; lamellae argillaceae non exacte integrae; stipes solidus, basi bulbosus, albidus, ochraceo-fibrosus.

C. (Phlegmacium) *varius* [Schäff.] Fr.

Schäff. t. 42. opt.

In sylva *Montello,* autumno sero.

C. (Phlegmacium) *multiformis* Fr.
In sylva *Montello* et *Feletto* autumno.
Obs. Lamellae subcinnamomeae, acie pallidiore, eximie serrulatae.

C. (Phlegmacium) *fulgens* [A. S.] Fr.
In sylva *Montello,* autumno.
Obs. Pileus fibrillosus obscure virens: intus totus sulfureus.

C. (Phlegmacium) *glaucopus* [Schäff.] Fr.
In sylva *Montello* et in agro Veronensi, autumno.

C. (Phlegmacium) *callochrous* [Pers.] Fr.
In sylva *Montello,* autumno, non raro.

2. Myxacium Fr.

C. (Myxacium) *collinitus* [Sow.] Fr.
In sylva *Montello,* autumno.

3. Inoloma Fr.

C. (Inoloma) *albo-violaceus* [Pers.] Fr.
In sylva *Montello,* octobri.
Obs. Pileus albido-fuscus; stipes albo-violascens; pilei caro cyanea; lamellae cyaneo-cinereae.

C. (Inoloma) *traganus* Fr.
In sylva *Montello,* autumno.
Obs. Magnus; adultus odore gravissimo subammoniacali pollet; pileus fulvus, denique decolor, albicans, sericeo-squamulosus.

C. (Inoloma) *tofaceus* Fr.
Tab. nostra V. f. 13-16.
In sylvaticis a *Fregona,* prope *Vittorio,* autumno.

4. Dermocybe Fr.

C. (Dermocybe) *ochroleucus* [Schäff.] Fr.
Schäff. t. 54.
In sylva *Montello,* autumno, seriore.
Obs. Stipes firmus, superne cavus, basi extuberans.

C. (Dermocybe) *camurus* Fr.
Bull. t. 431. f. IV.
Ad truncos putrescentes *a Selva,* autumno.

C. (Dermocybe) *sanguineus* [Jacq.] Fr.
In sylva *Montello,* autumno, rarius.

C. (Dermocybe) *cinnamomeus* [L.] Fr.
— var. β *semisanguineus* Fr.: lamellis atrosanguineis, sporidiis cinnamomeis suffusis.
— var. γ *croceus* (Schäff.).
Vulgo: *Bedèçhe* (Utin.).
In sylvis tarvisinis, vicetinis, veronensibus: var. β in sylva *Montello,* autumno; var. γ in pratis Utinensibus et comeditur.

5. Telamonia Fr.

C. (Telamonia) *iliopodius* [Bull.] Fr.
Bull. 578. f. I-M.
In sylvaticis muscosis *a Fregona* prope *Vittorio,* autumno.

6. Hydrocybe Fr.

C. (Hydrocybe) *armeniacus* [Schäff.] Fr.
In sylvaticis tarvisinis et veronensibus, non raro, autumno.

C. (Hydrocybe) *castaneus* [Bull.] Fr.
Ad basim truncorum Patavii, rarius, aestate.

C. (Hydrocybe) *leucopus* [Bull.] Fr.
In sylvaticis *a Fregona* prope *Vittorio,* autumno.

Obs. Initio totus albus; pileus laeviter innato-fibrillosus, exquisite albo-cortinatus; stipes candidus, superne fibrillosus (elatior quam in Bull. tab. 533. f. 2.).

4. LEPISTA Smith

L. personata **(Fr.) Smith**

Smith Seem. Journ. 1870.

Heufl. Crypt. Ven. 64.

In umbrosis hortorum provinciae Venetiarum (Ruchinger Ven. 279, nomine *Ag. bicoloris* Pers.).

L. nuda **(Bull.) Smith**

Smith Seem. Journ. 1870.

In graminosis, umbrosis Patavii, autumno.

Obs. Forma tota lilacina; lamellae potius acute adfixae, decurrentesve.

5. GOMPHIDIUS Fr.

G. glutinosus **(Schäff.) Fr.**

In sylva *Montello*, rarius.

G. viscidus **(L.) Fr.**

In sylvaticis *a Feletto*, prope truncos, autumno.

6. HYGROPHORUS Fr.

1. Camarophyllus Fr.

H. (Camarophyllus) *pratensis* [Pers.] Fr.

— var. *albus*.

In sylva *Montello*, autumno. — Edulis.

Vulgo: *Fongo* o *fonc da la doga;* et var. *Fongo da la doga bianco.*

H. (Camarophyllus) *niveus* [Scop.] Fr.

In sylvis *Montello* et veronensibus. — Edulis.

2. Hygrocybe Fr.

H. (Hygrocybe) *ceraceus* [Wulf.] Fr.
In pratis vicetinis (Marzari Vic. 53).

H. (Hygrocybe) *coccineus* [Schäff.] Fr.
Bull. t. 570. f. 2.
In pascuis muscosis sylvae *Montello,* autumno.

H. (Hygrocybe) *turundus* Fr.
In dumetis sylvae *Montello,* autumno, non raro.
Obs. Pulchellus; lamellae longe decurrentes; pileus vere squamulosus, coccineus.

H. (Hygrocybe) *puniceus* Fr.
In pratis *a Selva, Bavaria* (prov. Tarv.), autumno.

H. (Hygrocybe) *conicus* [Scop.] Fr.
— var. *coccineus* Fr.
In graminosis agri Tarvisini, Patavini, Veronensis, autumno.

7. LACTARIUS Fr.

1. Piperites Fr.

L. aspideus Fr.
In sylvaticis *a Fregona* (prov. Tarv.) autumno, rarius.

L. zonarius (Bull.) Fr.
In sylva *Montello* et in nemorosis *a Fregona,* autumno.

L. uvidus Fr.
In sylva *Montello,* autumno, rarius.
Obs. Pileus uvidus, fuscescens; lamellarum et carnis vulnera lilascentia.

L. pyrogalus (Bull.) Fr.
In graminosis collinis *a Fregona,* autumno.

Obs. Initio totus albus; pileus laeviter innato-fibrillosus, exquisite albo-cortinatus; stipes candidus, superne fibrillosus (elatior quam in Bull. tab. 533. f. 2.).

4. LEPISTA Smith

L. personata (Fr.) Smith

Smith Seem. Journ. 1870.

Heufl. Crypt. Ven. 64.

In umbrosis hortorum provinciae Venetiarum (Ruchinger Ven. 279, nomine *Ag. bicoloris* Pers.).

L. nuda (Bull.) Smith

Smith Seem. Journ. 1870.

In graminosis, umbrosis Patavii, autumno.

Obs. Forma tota lilacina; lamellae potius acute adfixae, decurrentesve.

5. GOMPHIDIUS Fr.

G. glutinosus (Schäff.) Fr.

In sylva *Montello,* rarius.

G. viscidus (L.) Fr.

In sylvaticis *a Feletto,* prope truncos, autumno.

6. HYGROPHORUS Fr.

1. Camarophyllus Fr.

H. (Camarophyllus) *pratensis* [Pers.] Fr.

— var. *albus.*

In sylva *Montello,* autumno. — Edulis.

Vulgo: *Fongo* o *fonc da la doga;* et var. ***Fongo da la doga bianco.***

H. (Camarophyllus) *niveus* [Scop.] Fr.

In sylvis *Montello* et veronensibus. — Edulis.

2. Hygrocybe Fr.

H. (Hygrocybe) *ceraceus* [Wulf.] Fr.
In pratis vicetinis (Marzari Vic. 53).

H. (Hygrocybe) *coccineus* [Schäff.] Fr.
Bull. t. 570. f. 2.
In pascuis muscosis sylvae *Montello,* autumno.

H. (Hygrocybe) *turundus* Fr.
In dumetis sylvae *Montello,* autumno, non raro.
Obs. Pulchellus; lamellae longe decurrentes; pileus vere squamulosus, coccineus.

H. (Hygrocybe) *puniceus* Fr.
In pratis *a Selva, Bavarìa* (prov. Tarv.), autumno.

H. (Hygrocybe) *conicus* [Scop.] Fr.
— var. *coccineus* Fr.
In graminosis agri Tarvisini, Patavini, Veronensis, autumno.

7. LACTARIUS Fr.

1. Piperites Fr.

L. aspideus Fr.
In sylvaticis *a Fregona* (prov. Tarv.) autumno, rarius.

L. zonarius (Bull.) Fr.
In sylva *Montello* et in nemorosis *a Fregona,* autumno.

L. uvidus Fr.
In sylva *Montello,* autumno, rarius.
Obs. Pileus uvidus, fuscescens; lamellarum et carnis vulnera lilascentia.

L. pyrogalus (Bull.) Fr.
In graminosis collinis *a Fregona,* autumno.

Obs. Pileus obscure zonatus, fuligineo-cinereus, umbilicato-expansus; stipes sursum incrassatus, cinereus; lamellae ochraceo-lutescentes, adnato-decurrentes; sporidia sphaerica, flava, eximie muriculata.

L. plumbeus **(Bull.) Fr.**

In sylva *Montello,* autumno.

L. piperatus **(Scop.) Fr.**

In sylvaticis provinciae *di Treviso, Vicenza, Verona, Venezia.* Vulgo: *Latèr bianco* (Montello). Species suspecta, sed a quibusdam aqua lenitus vel exsiccatus comeditur.

L. vellereus **Fr.**

In sylva *Montello.*

2. Dapetes Fr.

L. deliciosus **(L.) Fr.**

In sylva *Montello,* non frequens et in nemorosis veronensibus, ad pinos (Poll. Ver. III. 640). — Edulis.
Vulgo: *Fongo dal Pin* (Veron.).

3. Russularis Fr.

L. Azonites **(Bull.) Fr.**

— var. *albellus*: minor, undique candicans.
Tab. nostr. V. f. 10-12.
In sylva *Montello* et *a Fregona.* Var. in *s. Montello,* autumno.
Obs. Caro in utraque forma primitus alba, fracta amoene crocata, praecipue sub pellicula. Lac album.

L. Flammeolus **(Poll.) Fr.**

In sylvis M. Baldi et Lessinensium (Poll. Ver. III. 638) aestate.

L. volemus **Fr.**

In sylva *Montello,* autumno.
Vulgo: *Latèr panàs.* — Vescus, sed nostrates non utuntur.
Obs. Extat var. pileo infundibulari et plano-convexo. Lac dulce.

L. subdulcis (Bull.) Fr.

In sylvaticis tarvisinis et veronensibus.

L. camphoratus (Bull.) Fr.

Ad pedes castanearum *a Fregona* et *Feletto* in collibus, autumno.

8. RUSSULA Fr.

1. Compactae Fr.

R. nigricans (Bull.) Fr.

In sylva *Montello,* autumno, frequens.
Vulgo: *Carnio, Carniel negro.* — Non edulis.

2. Firmae Fr.

R. sanguinea (Bull.) Fr.

In argillosis sylvae *Montello,* autumno, rarius, autumno.
Obs. Pilei margo acutus, exstrius; lamellae creberrimae, furcatae, albae: caro dura alba, acris, inde non vesca.

R. vesca Fr.

— var. *Venturii* (Mic. t. 63. f. 1. 2): pileo viridi-olivaceo, centro obscuriore, margine substriato; lamellis albis, subaequalibus, rarius furcatis.

In sylva *Montello* et *a Fregona,* autumno, cum varietate. — Edulis, sed raro comeditur.
Vulgo: *Panarola fumola.*
Obs. A. Russ. virescente cuticula non scissili cito dignoscitur.

R. heterophylla Fr.

In sylvaticis *a Fregona,* autumno. — Edulis.
Vulgo: *Panarola fumola, Panarola verde.*

3. Rigidae Fr.

R. rubra (DC.) Fr.

— var. *pallens.*

In sylva *Montello,* copiose, autumno. — Acris.
Vulgo: *Panarola.*

R. virescens (Schaeff.) Fr.

In sylva *Montello* et in collibus prope *Vittorio*, autumno. Vulgo: *Filalana*. — Optime edulis.

R. lactea (Pers.) Fr.

In argillosis compactis sylvae *Montello*, *a Vittorio* et *Padova*, aestate et autumno. — Edulis.

4. Fragiles Fr.

R. emetica Fr.

In sylva *Montello*, rarius, autumno. — Venenata.

Obs. Acris; caro rubella sub pellicula atro-sanguinea.

R. pectinata (Bull. ex p.) Fr.

Bull. t. 509, f. V. bene.

In sylva *Montello*, autumno frequens. — Non vesca.

Obs. Pileus fragilis, ochroleucus, margine exime striato-sulcatus. Odor nauseosus, sed multo debilior quam insequentis.

R. foetens (Pers.) Fr.

In sylvaticis *a Fregona*, *Montello* et in pratis circa *Treviso*. — Venenata.

Obs. Odor gravissimus acidi cyanhydrici.

R. integra (L.) Fr.

In herbidis Patavii, Vicetiae, inque sylva *Montello*, frequens autumno. — Mitis, sed non comeditur.

Obs. Variat pileo rubescente, pallido et helvolo.

R. aurata (With.) Fr.

In sylvaticis tarvisinis (*Montello*) et veronensibus, autumno. — Non vesca.

Obs. Colore pilei et lamellarum valde simulat Ag. caesareum Scop., a quo defectu anuli et volvae statim dignoscitur.

R. grisea (Pers.) Fr.

In sylvaticis tarvisinis et veronensibus, autumno. — Non vesca

R. alutacea (Pers.) Fr.

In sylva *Montello* et in nemorosis veronensibus, et circa *Chioggia*, autumno. — Edulis.

Vulgo: *Castagnariòl.*

9. CANTHARELLUS Fr.

C. cibarius (L.) Fr.

— var. *pallens*: totus albido-flavus.

In sylvaticis, praecipue collinis, omnium provinciarum vere et autumno. — Vescus sed tenax.

Vulgo: *Galeto, Zaleto* (Tarv.); *Fungo zalo, Sponziòl zalo, Finferi, Mare de fonghi zali* (Ver.).

C. aurantiacus (Wulf.) Fr.

In sylvaticis *a Feletto* (prov. Tarv.), autumno, rarius. — Non edulis.

C. cinereus (Pers.) Fr.

In sylva *Montello* et in nemorosis *a Feletto*, rarius, autumno.

10. NYCTALIS Fr.

N. Asterophora Fr.

In sylva *Montello*, in Russula nigricante parasitica, rarius, autumno.

11. MARASMIUS Fr.

1. Collybia Fr.

M. Oreades (Bolt.) Fr.

Ad pedes quercuum juniorum in sylva *Montello* et *a Fregona*, autumno. — Condimentarius, sed apud nos neglectus.

Obs. Stipites rugulosi, basi subvillosi; nunc humiles, nunc elatiores.

M. foetidus (Sow.) Fr.

In sylva *Montello* ad truncos cariosos, autumno, raro.

M. ramealis (Bull.) Fr.

Ad ramulos, fragmenta lignea in udis sylvae *Montello, a Selva, Vittorio, Padova,* autumno.

M. candidus (Bolt.) Fr.

In truncis exsiccatis *a Selva,* raro, autumno.

Obs. Pusillus, totus albus; lamellae rariores, pseudo-collario ad centrum connexae.

2. Mycena Fr.

M. androsaceus (L.) Fr.

Ad folia quercina dejecta in sylva *Montello,* autumno.

M. Rotula (Scop.) Fr.

— var. *microcephalus:* pileo duplo minore.

Ad ramulos, truncos, ramenta dejecta *a Selva,* in *Montello, Vittorio, Padova,* frequens. — var. in *s. Montello,* autumno.

M. perforans (Hoffm.) Fr.

In foliis dejectis abietinis in montibus Veronensibus, aestate (Poll. Ver. III. 662).

M. epiphyllus (Pers. ex p.) Fr.

Ad folia, ramenta in sylva *Montello* et in nemorosis Patavinis, Veronensibus et prope *Vittorio,* aestate et autumno.

12. LENTINUS Fr.

L. tigrinus (Bull.) Fr.

Ad truncos, palos precipue querneos, *a Selva* et *Padova,* aestate et autumno.

13. PANUS Fr.

P. conchatus (Bull.) Fr.

Ad cerasos *a Selva,* non frequens, autumno.

P. stipticus (Bull.) Fr.

— var. *flabellatus;* margine inciso-flabellatus.

In truncis emortuis, praecipue querneis, in *s. Montello, a Vittorio, Verona, Venezia* etc. per totum annum — var. in *s. Montello.*

14. SCHIZOPHYLLUM Fr.

S. commune Fr. (Agaricus alneus L.).

In truncis, palis, trabibus, ubique sed non copiose, per totum fere annum.

15. LENZITES Fr.

L. atropurpurea Sacc. (species nova).

Pileo, contextu lutescente, suberoso-coriaceo, crassiusculo, rigido, sessili, basi breve decurrente, concentrice sulcato radiatimque ruguloso, glabro, unicolori, atropurpureo; lamellis crebris dichotomis interruptisque lutescenti-fuscis, marginem obtusiusculum-subexcedentibus; sporidiis sphaeroideis, minimis, diam 2 micr., hyalinis.

Ad truncos ramosque vitis viniferae *a Selva* agri Tarvisini, raro, ubi legit pater meus, aprili 1873.

Obs. Pileus 4-6 cent. latus, 4-5 mill. crassus.

L. betulina (L.) Fr.

— var. *lutescens:* pileo lutescente.

Ad truncos querneos et castaneos in provincia tarvisina, patavina, veronensi, frequens, per annum.

L. variegata Fr.

Heufl. Crypt. Ven. 65.

Ad trabes castanearum fracidas *a Costa* prope *Vittorio,* rarius et in agro Veronensi et Patavino.

L. saepiaria (Wulf.) Fr.

— β *resupinata* Fr.

— γ *porosa* Fr.

Ad ligna abietina putrescentia *a Costa* prope *Vittorio,* Patavii,

et Veronae (Poll. herb!); var. β *a Selva* in trabe abietina: var. γ Patavii in asseribus pineis.

Obs. Vas. γ Trametem exacte refert, et speciatim *T. odoratam* (Pers.) Fr.

L. abietina (Bull.) Fr.

In trabe abietina *a Costa* et Patavii, rarior.

Obs. Ulterius inquirendum an specimina mea huic vel alicui L. saepiariae varietati spectent.

Ordo II. Polyporeae Fr.

16. BOLETUS L. ex p. Fr.

1. Ochrospori Fr.

B. granulatus L.

In sylvaticis *a Feletto* et circa Patavium, autumno. — Mitis, sed non comeditur.

B. luteus L.

Heufl. Crypt. Ven. 65.

In collibus Veronensibus, aestate et autumno (Poll. Ver. III. 598). — In sylva *Montello* (Fracchia MS.). — Mitis sed non comeditur.

B. parasiticus Bull.

Heufl. Crypt. Ven. 65.

In sylvis fagineis supra *Recoaro* ad Scleroderma verrucosum (Poll. Ver. III. 599). — Non vescus.

B. subtomentosus L.

Heufl. Crypt. Ven. 65.

In umbrosis herbidis in agro tarvisino, patavino, veronensi et Venetiarum, aestate et autumno. — Mitis, sed non comeditur.

B. olivaceus Schäff.

In sylva *Montello*, autumno. — Suspectus.

B. luridus Schäff.

Heufl. Crypt. Ven. 65.

In sylvaticis *a Vittorio, Montello, Susigana, nel Veneziano.*

Vulgo: *Brisoto mato* o *tossegoso.* — Venenatus.

B. purpureus Schäff.

In sylva *Montello,* et in collibus di *Susigana,* autumno.

Vulgo: *Brisoto mato.* — Venenatus.

B. edulis Bull.

In sylvaticis omnium provinciarum, autumno. — Esculentus.

Vulgo: *Brisoto, Brisa, Sbrisoto* (Tarv.); *Carpanòte* (Vic.); *Pressanela* (Ver.); *Fònghe, Bavàche, Çhapelàt* (Utin.).

B. aeneus Bull.

In sylvaticis collinis agri Vicetini, autumno — Edulis.

Vulgo: *Carpanòte* (Vic.).

2. Dermini Fr.

B. versipellis Fr.

Heufl. Crypt. Ven. 65.

In sylvis montanis circa *Recoaro,* autumno. — Edulis.

B. scaber Bull.

— β *aurantius* (Bull.)

— γ *rimosus* pilei cuticula rimosa scissili.

In sylvaticis agri tarvisini, patavini, vicetini, autumno.

— var β et γ in sylva *Montello.* — Edulis.

Vulgo: *Albarèlo.*

3. Leucospori Fr.

B. cyanescens Bull.

In agro tarvisino et veronensi. — Suspectus.

Vulgo: *Brisoto mato.*

***B. castaneus* Bull.**

Heufl. Crypt. Ven. 65.

In nemoribus montanis Veronensibus autumno (Poll. Ver. III. 601); in sylva *Montello* (Fracchia MS.). — Suspectus.

17. STROBILOMYCES Berk.

***S. strobilaceus* (Scop.) Berk.**

In sylva *Montello,* rarissime, autumno. — Non comeditur.

18. POLYPORUS Fr.

1. Mesopus Fr.

***P. ovinus* (Schäff.) Fr.**

In sylva *Montello,* rarius, autumno (Fracchia MS.).

***P. fuligineus* (Pers.) Fr.**

Heufl. Crypt. Ven. 65.

In pascuis montanis Baldi et Summani, ad terram et ad fagorum caudices (Poll. Ver. III. 616. et herb!).

***P. leptocephalus* (Jacq.) Fr.**

Ad truncos putrescentes fagineos in sylva *Cansiglio* (Bérenger!).

***P. brumalis* (Pers.) Fr.**

Ad truncos ramosque arborum frondosarum fabrefactos in horto *Cittadella-Vigodarzere a Saonara* agri Patavini, hieme.

Obs. 15-18 mill. altus; pileus plano-convexus, helvolus, margine flocculosus; pori pallentes hexagono-rhomboidei ratione pilei majusculi, stipes centralis undique squarrosulus (in sicco), longitudinaliter sulcatus, fulvellus.

2. Pleuropus Fr.

***P. squamosus* (Schäff.) Fr.**

Ad truncos ulmorum etc. *a Selva* et Patavii, aestate et autumno. — *A Selva* legi caespitem maximum e pileis 5 basi confluentibus, ob senectutem esquamulosis, constantem.

P. picipes Fr.

Ad truncos et palos populneos et salignos *a Selva, Quinto* (prov. Tarvisina).

Vulgo: *Barboni de talpòn.* — Non vescus.

Obs. Proximus *P. vario,* cujus forte varietas; differt stipite toto nigricante et poris pallidioribus.

P. varius (Pers.) Fr.

In truncis caesis sylvae *Cansiglio* (Bérenger!) et in agro veronensi (C. Massalongo!).

P. lucidus (Leyss.) Fr.

— var. *sessilis.*

Ad truncos varios in omnibus provinciis, una cum varietate.

3. Merisma Fr.

P. frondosus (Schrad.) Fr.

Ad truncos querneos et fagineos in sylvis *Montello* et *Cansiglio,* non frequens. — Vescus sed nimis tenax.

Vulgo: *Fongo gato.*

P. confluens (A. S.) Fr.

In muscosis sylvae *Montello,* rarius, autumno.

P. Pes caprae Pers.

In sylva *Montello,* autumno seriore, frequens. — Edulis et exquisitus.

Vulgo: *Fongo Barbòn, Barbòni, Fonc Barbòn.*

Obs. Nunc simplex, nunc multiplex. Pileus atro-rufus squamuloso-exasperatus; hymenium stipesque citrini.

P. sulfureus (Bull.) Fr.

Ad truncos varios *a Selva* et Patavii, autumno.

P. salignus Fr.

Ad basim Salicum *a Selva* et Patavii, autumno.

Obs. Pori tandem daedalei, sed primitus et habitus fungi polyporei: pori initio pruina albida obturati; pileus albido-fulvellus initio pruinosus.

4. Apus Fr.

A. *Anodermei* Fr.

***P. destructor* Fr.**

Ad trabes pineas udas Patavii, decembre.

Obs. Sistit strata satis extensa albida, initio subcarnosa, odore grato terebinthaceo vel Cerambycis moschatae pollentia, hinc illinc protrudentia tuberculos poriferos; tubuli elongati, decurrentes, angulosi, micropori.

***P. fumosus* (Pers.) Fr.**

Ad salicum et populorum bases *a Selva, Padova,* autumno.

Obs. Similis sequenti odore ingrato et adspectu fumoso, sed pileo crassiore et pallidiore statin dignoscitur.

***P. adustus* (W.) Fr.**

— β *resupinatus,* membranaceus, ambitu crenulato-lobato subvelutino albo; hymenio fusco-nigricante, primitus pruina cinerea obducto.

In truncis variis *a Selva, Motta, Padova,* frequens.

Var. β ad truncos carpineos Patavii, autumno seriore.

Obs. Nisi tandem var. β simul cum typo invenerim, eam speciem distinctam credidissem, similem resupinato Polyp. subspadiceo Fr.

***P. crispus* (Pers.) Fr.**

Ad arborum caudices in litoribus circa Venetias, *a Campalto.* (Ruchinger Ven. 280).

***P. pulchellus* Sacc. (species nova).**

Tab. nostra VII. f. 11-15.

Subcoriaceo-membranaceus, tenuis; pileo e basi augustiore flabellato-lobato, nitido, candido, fusco-zonato; poris albis, curtis, mediocribus, mollioribus, dein fuscis; sporidiis minimis rotundis albis, diam. ca 3 micr.

Ad ramos pineos, acus interdum obvolvens, in Horto botanico Patavino, raro, novembri.

***P. dichrous* Fr.**

Ad truncos querneos in sylva *Montello,* autumno, rarius.

Obs. Eximia et rara species, hymenio cinnamomeo zona sterili alba circumdato distinctissima.

P. hispidus (Bull.) Fr.

— Boletus (Polyp.) flavus Poll. Ver. III. 607. — Boletus Mori Poll. herb! non flor. Ver. — Polyp. Pollinii Heufl. Crypt. Ven. 65.

Ad truncos gelsorum frequentissime et ad caudices ulmi et juglandis rarius, in provincia tarvisina, patavina et veronensi.

Obs. Boletus flavus Poll., uti me evincit autopsia speciminis in ejus herbario asservati, est Pol. hispidus junior pileo minus hirsuto porisque brevioribus.

P. cuticularis (Bull.) Fr.

Ad radices alnorum *a Selva,* autumno, rarius.

B. *Placodermei* Fr.

P. resinosus (Schrad.) Fr.

Effusus in truncis cavis Aesculi Hippocastani ad vias Patavii, autumno.

Obs. Contextus albus, ligneo-tinctus, initio caseoso-succosus; succus resinoso-oleosus, chartam ungens; pori elongati carneo-pallidi, ore albo-pruinosi, dein nigricantes: odor fortis spirituoso-resinosus.

P. officinalis (Vill.) Fr.

Heufl. Crypt. Ven. 66.

Ad Larices et interdum ad Abietes in *M. Baldo* (Poll. Ver. III. 613.) et in agro Forojuliensi (Pirona, Voc. bot. friul. p. 30). — Vulgo: *Fong di Làris.*

Obs. Jamdiu in usum medicum receptus, nunc fere exolevit.

P. applanatus (Pers.) Fr.

Ad truncos Pruni Cerasi *a Selva,* non raro.

Obs. Cortex pilei cinnamomeo-pulverulentus, denique rimosus; pori minusculi albi.

***P. fomentarius* (L.) Fr.**

Heufl. Crypt. Ven. 65.

Ad truncos querneos in sylva *Montello,* ubi saepe maximus, et ad juglandes, ubi minor, *a Selva* etc.; ad fagos in sylva *Cansiglio.* Pariter nascitur in omnibus provinciis.

Vulgo: *Fonc de roro, Fongo de l'esca* (Tarv.); *Lengua de fo, Lengua de rovaro* (Veron.); *Fong di ròul* (Utin.). — Adhibetur ad fomitem sive escam igniariam parandam et apud Montellicos ad parva scamna, tribus pedibus subtus infixis, conficienda.

***P. igniarius* (L.) Fr.**

Heufl. Crypt. Ven. 65.

Ad caudices varios in omnibus provinciis.

Vulgo: *Fongo de l'esca* (Tarv.); *Fong di lesçhe* (Utin.). — Ad escam parandam praecedente longe minus aptus.

***P. Gelsorum* Fr.**

Heufl. Crypt. Ven. 65.

Veronae in Moris (Poll. Ver. III. 608).

***P. fraxineus* (Bull.) Fr.**

Heufl. Crypt. Ven. 65.

Ad truncos fraxineos *a Selva,* ad juglandes Patavii et Veronae.

***P. castaneus* Fr.**

Heufl. Crypt. Ven. 65. Boletus populneus Poll. Ver. III. 611).

Ad caudices Populi nigrae autumnali tempore in agris prope *Caldiero* (Poll. l. c. et herb!).

C. *Inodermei* Fr.

***P. Venetus* Sacc. (species nova).**

Tab. nostra VII. f. 4-6.

Simplex vel imbricato-multiplex, glaber, contextu compacto suberoso albo; pileo ungulato-dilatato, vel multiformi, crasso, ubique tuberculato, pileolosque laterales exerente, albo denique flavido, margine obtusiusculo; poris ligneo-pallidis, minutis angulatis; sporidiis minutissimis albis rotundis (diam. 3 micr. ca).

Tarvisii ad trabes in cellis vinariis, ubi caespitem maximum 50 cent. latum vidi, et Patavii in cavo annosae Platani.

Obs. Videtur affinis *P. undato* (Pers.) Fr., quem non satis nosco.

P. lutescens (Pers.) Fr.

Heufl. Crypt. Ven. 66.

Ad truncos siccos fagorum in agro Veronensi et Vicetino (Poll. Ver. III. 612).

P. hirsutus (Wulf.) Fr.

Ad truncos varios *a Selva, Vittorio, Padova.*

P. velutinus Fr.

Ad truncos varios in agro tarvisino, veronensi, vicetino.

P. zonatus Nees

Ad truncos Cerasorum *a Vittorio* et Quercuum in sylva *Montello,* rarius.

P. versicolor (L.) Fr.

Ad arborum variarum caudices, ad palos in toto agro Veneto, omnimode forma, magnitudine et colore ludens, copiosissime, per annum.

5. Resupinatus Fr.

P. obliquus (Pers.) Fr.

Ad truncos *Robiniae Pseudoacaciae* Patavii, frequens.

Obs. Contextus cinnamomeus; pori extus spadiceo-fusci. A *P. ferruginoso,* cui colore propinquior, differt ambitu non villoso, tubulis minoribus; stratu minus crasso magisque extenso.

P. Medulla panis (Pers.) Fr.

Ad truncos castaneos dejectos *a Vittorio,* autumno.

Obs. Candidus, subtus nigro-punctatus, a ligno separabilis.

P. vitreus (Pers.) Fr.

Tab. nostra VII. f. 7-10.

Ad asseres castaneos, madidos, semiputridos, quos obducit, sed quibus parum adhaeret *a Vittorio,* autumno.

Obs. Membranaceus, ambitu sinuoso albo-pellucido, nodulis hinc inde prominentibus poriferis.

P. obducens Pers.

In aquiductibus ligneis cariosis *a Vittorio,* autumno.

P. vulgaris Fr.

In truncis pineis dejectis, putrescentibus *a Selva,* autumno.

Obs. Nobis est forma candida, quae var. calcea Fr.

P. molluscus (Pers.) Fr.

Heufl. Crypt. Ven. 66.

In asseribus putrescentibus populneis provinciae Venetiarum (Nacc. Ven. VI. 12).

P. vaporarius Fr.

In truncis querneis putrescentibus sylvae *Montello,* autumno.

Obs. Pori late hiantes, sed curti, angulati, pallescentes.

19. TRAMETES Fr.

T. fulva (Scop.) Fr.

Ad caudices, praecipue Prunorum *a Selva, Padova,* saepe resupinata, per annum.

T. Ribis Fr.

Ad caudices Corni sanguineae in sylva *Montello* et *a Vittorio.*

Obs. Pileus versiformis, sed plerumque applanatus, saepe stratosus, margine plus minus acutiusculo, velutinus, cinnamomeus, poris exiguis primo amoene citrinis dein fulventibus. — Nisi habitatione, a typica Tramete Ribis non videtur differre.

T. hispida Baglietto.

Ad truncos salignos languentes *a Selva* et *Padova,* per annum.

T. cinnabarina (Jacq.) Fr.

Ad truncos annosos in sylva *Cansiglio* (Bèrenger!).

T. suaveolens (L.) Fr.

Ad caudices salignos *a Selva, Padova,* frequens.

Obs. Pileus sublaevigatus, junior odore foeniculaceo grato pollet.

T. gibbosa (Pers.) Fr.

Ad truncos putridos Castaneae vescae *a Feletto* (prov. Tarvisina), autumno.

T. populina Fr.

Ad truncos languentes Salicis babylonicae *a Selva* et prope Tarvisium.

Obs. An satis differt a Tramete hispida? Contextus enim qui in hac lutescens in illa albus pendere posset e succo ligneo varie colorato: caetera vero in utraque simillima.

T. perennis (L.) Fr.

Ad fragmenta lignea humi jacentia in sylvaticis circa *Vittorio* et in nemore *Montello,* autumno.

20. DAEDALEA Pers. emend. Fr.

D. quercina (L.) Pers.

— var. *effusa;* pileo membranaceo, extenso sinubus longissimis.

— var. *resupinata.*

In truncis, asseribus querneis in toto agro veneto.

D. cinerea Fr.

Ad ligna quercina in sylva *Montello,* rarior.

Obs. Convenit cum iconibus Bull. t. 537. f. O. P. A. et Battarrae t. 38, sed, me judice, potius habenda est pro forma singulari *Lenzitis betulinae* (L.) Fr.

D. unicolor (Sow.) Fr.

Ad truncos castanearum et quercuum *a Vittorio* et in sylva *Montello,* passim resupinata.

21. FAVOLUS Fr.

F. Europaeus **Fr. — Merulius alveolarius DC.**

Hexagonia Mori Poll.! Heufl. Crypt. Ven. 66.

Ad truncos et palos arborum frondosarum *a Selva, Treviso, Padova,* non raro sed parce. — Ad Moros albas aestate et autumno in agro Veronensi frequens (Poll. Ver. III. 618 sub *Boleti Mori* nom.).

Obs. In herb. Polliniano plura Hexagoniae Mori Poll. specimina vidi quae cum Favolo europaeo Fr. perfecte congruunt.

22. MERULIUS Fr.

1. Leptospori Fr.

M. tremellosus **Schrad.**

Ad truncos et palos, praecipue querneos, putrescentes *a Selva* et in nemore *Montello,* autumno.

Obs. Pileus effuso-reflexus, basi decurrens, albidus, villosus, margine tentaculato-fimbriatus; hymenium centro atropurpureum, versus marginem lutescenti-zonatum; plicae radiato-poroso-sinuosae.

M. Corium **Fr.**

Ad ramos querneos dejectos in sylva *Montello,* rarius. Nobis est forma minor.

M. rufus **Pers.**

Asseribus querneis udis adhaerens prope nemus *Montello,* rarius.

2. Coniophori Fr.

M. lacrymans **(Wulf.) Schum.**

Ad scobes ligneas in calidariis Vicetiae (D.r Allexich!).

M. pulverulentus **(Sow.) Fr.**

Ad parietes calceas udas in calidario subterraneo Horti botanici patavini, vere.

Ordo III. Hydneae Fr.

23. FISTULINA Bull.

F. hepatica (Huds.) Fr.

Ad truncos quercinos in sylva *Montello,* et castaneos circa *Vittorio* atque in agro Veronensi et Patavino.

Vulgo: *Brisiola de roro* (Tarv.). — Junior, etiam cruda, vesca, sed apud nos fere neglecta.

24. HYDNUM L.

1. Mesopus Fr.

A. *Carnosa* Fr.

H. imbricatum L.

In sylva *Montello,* frequens autumno et in agro Veronensi.

Vulgo: *Barbòn màto* (Tarv.). — Juvene est vescum, sed apud nos neglectum.

H. subsquamosum Batsch

In sylva *Cansiglio* (Bérenger!).

H. scabrosum Fr.

In sylvis collinis *Montello, Feletto,* agri Tarvisini, autumno.

H. repandum L.

Heufl. Crypt. Ven. 66.

In sylva *Montello* et in agro Veronensi, autumno. — Edulis.

Vulgo: *Barbòn bianco.*

H. rufescens Schäff.

In sylva *Montello,* autumno. — Edule.

B. *Lignosa* Fr.

H. compactum Fr.

In sylvis *Montello* et *Feletto,* autumno.

Obs. Pileus tomento albo primitus obductus; aculei apice pallidi; sporidia subfusca.

H. ferrugineum Fr.

In sylvis *Montello, Feletto, Fregona,* autumno, frequens.

H. cinereum Bull.

— Bull. tab. 419, satis.

In sylva *Montello,* rarius, autumno.

Obs. Pilei margo tenuis, subtus aculeique cinerascentes.

H. scrobiculatum Fr.

— Bull. tab. 156, optima.

In sylva *Montello, Fregona,* autumno.

H. zonatum Batsch

In sylvis *Montello* et *Feletto,* autumno.

H. tomentosum L.

Ad pedes castanearum *a Feletto,* raro.

2. Merisma Fr.

H. coralloides Scop.

— Schäff. t. 177.

Heufl. Crypt. Ven. 66.

Ad moros aliasq. arbores prope sylvam *Montello,* raro, et circa pagos *Pescantina* et *Caprino,* prov. Veron. (Poll. herb!).

— Edule.

H. Erinaceus Bull.

Ad truncos quercinos in sylva *Montello,* aut. seriore, non raro.

Vulgo: *Rizo de rovere* o *roro.* — Vescus, sed sylvicolae eo non utuntur.

3. Apus Fr.

H. gelatinosum Scop.

Ad truncos abiegnos in sylva *Cansiglio* (Bèrenger!).

4. Resupinatus Fr.

H. mucidum Pers.

Ad truncos fagineos putridos in sylva *Cansiglio*, septembri (Bérenger!).

H. farinaceum Pers.

Ad ligna cariosa varia *a Selva, Vittorio, Padova*, stratum farinaceum simulans.

H. argutum Fr.

Ad ligna putrescentia in calidariis Horti botanici Patavini, vere.

25. IRPEX Fr.

I. heterodon Sacc. (nova species).

Tab. nostra VII. f. 16-19.

Pileo dimidiato-sessili, e basi angustiore subflabellato, interdum lobato, tenui, sub-coriaceo, radiatim leviter rivuloso, e tomentoso glabrescente, albo; dentibus pallide carneis seriato-radiantibus, dimorphis, aliis subfoliaceis, apice truncato subdentatis, aliis ad basim pilei longioribus, subulatis; sporidiis rotundis, diam. 4 micr., 1-guttulatis, albis.

Ad truncos annosos quercuum sylvae *Montello*, decembre, raro.

Obs. Affinis videtur gallico *Irpici paleaceo* Fr., a quo praecipue differt ob dentes dimorphos, et exotico *I. pallescenti* Fr., a quo recedit pileo nec marginato, nec ligneo-pallido.

I. canescens Fr.

Ad truncos putrescentes querneos sylvae *Montello*, et ad caudices Robiniae Patavii, autumno.

Obs. Habitus Daedaleae unicoloris, sed albus, triplo minor et hymenio diverso.

I. obliquus (Schrad.) Fr.

Ad truncos querneos in sylva *Montello, Conegliano* et ad Robinias Patavii, autumno.

Ordo IV. Auriculariceae Fr.

26. CALOCERA Fr.

C. viscosa (Pers.) Fr.

In truncis cariosis sylvae *Cansiglio,* septembre (Bérenger!).

C. palmata (Schum.) Fr.

Tab. nostra VIII. f. 7-8.

In truncis cariosis querneis in sylva *Montello,* autumno, rarius.

Obs. Cauliculi compressi, apice plerumque bifidi, ramuli divaricati apice parum dilatati, subcrenati. Plantula amoene aurantiaca.

C. cornea (Batsch) Fr.

Ad truncos querneos dejectos ecorticatos in *s. Montello,* aut.

27. GUEPINIA Fr.

G. Buccina Sacc. (species nova).

Tab. nostra VIII. f. 1-6.

An Peziza Buccina Pers., quae Helotium Buccina Fr.

Tremelloso-tenax, flavo-aurantiaca, solitaria, v. confluendo-subcaespitosa; stipite primitus cylindrico-clavato, dein sursum in cupulam infundibularem sensim ampliato; cupula margine sinuosa, intus glabra, extus (hymenio) stipiteque longitudinaliter leviter plicatis, denique in massam tremellosam collabentibus; sporophoris elongatis, inferne anastomosantibus, ramosis, apicibus incrassatis sporidia gerentibus; sporidiis subrotundis (diam. 12 micr.) vel ovoideo-clavatis (micr. 12 ~ 18) episporio crassissimo albo, nucleo dilute roseo.

Ad truncos quercinos decorticatos in *s. Montello,* non raro, aut.

Obs. I. Dum collabitur, cupulae deflectuntur et marginibus simul conglutinantur.

Obs. II. Descriptio Pezizae Buccinae Pers. satis cum meo fungo congruit, et cum de illius fructificatione auctores sileant, verisimile est hymenomycetem pro discomycete ex solo habitu sumpsisse, quod tamen confirmandum.

28. CRATERELLUS Fr.

C. lutescens (Pers.) Fr.

— var. *crocatus:* stipite elatiori, hymenioque amoene croceo.

In muscosis sylvae *Montello;* var. in sylvaticis *Feletto* prope truncos pineos, autumno.

C. cornucopioides (L.) Pers.

— var. *crispus:* margine lobato-crispus.

In muscosis umbrosis sylvae *Montello* et *Fregona,* autumno, frequens — var. in *s. Montello.*

Vulgo: *Subioti.* — Non vescus.

C. sinuosus Fr.

In quercetis et castanetis, *Montello, Feletto, Fregona,* frequens, autumno.

C. clavatus (Pers.) Fr.

In sylvaticis, muscosis, udis, *Montello* et *Feletto,* raro, autumno.

29. THELEPHORA Ehrh. pr. p. Fr.

1. Mesopus Fr.

T. anthocephala (Bull.) Fr.

Heufl. Crypt. Ven. 67.

In sylvis ad radices Baldi montis circa *i Masi* et in sylvis collinis *dell' Ospedaletto* ad terram, aut. (Poll. Ver. III. 579).

2. Merisma Fr.

T. palmata (Scop.) Fr.

— var. *digitata* (Pers.).

In udis muscosis sylvae *Montello,* autumno, aeque ac varietas.

T. coralloides Fr.

Heufl. Crypt. Ven. 67.

Clavaria coriacea Bull. Poll. Ver. III. 579.
In sylvis collinis circa *Caprino*, autumno (Poll. l. c.).

T. intybacea Pers.
Ad terram muscosam in sylvaticis *a Fregona*, autumno.

T. terrestris Ehrh.
Ad terram udam in sylva *Montello*, autumno.

3. Apus Fr.

T. cristata (Pers.) Fr.
Heufl. Crypt. Ven. 67.
In muscosis sylvaticis *Montello*, et in collibus Benacensibus.

T. spiculosa Fr.
Ad terram et ramenta lignea in sylva *Feletto*, autumno.

T. laciniata Pers.
Ad truncos ramulosq. dejectos humidos in sylva *Montello*, aut.

4. Resupinatus Fr.

T. sebacea Pers. emend. Fr.
In sylvaticis *Montello, S. Marco*, et in agro Veronensi, ubi aestate et autumno gignitur post pluvias ad terram et caules imos herbarum, muscos et ramenta sebi ad instar obvolvit et incrustat. Primo candida, tandem rufescit.

30. STEREUM Fr.

Obs. Series Mesopus, Pleuropus et Merisma nullas species venatas exhibent.

1. Apus Fr.

S. purpureum Pers.
— Bull. 483. f. 1.
Ad truncos, ramos in agro Tarvisino, Patavino, Vicetino, Veronensi, frequens.

S. hirsutum (W.) Pers.

— var. *aurantiacum*.

Ad truncos, ramos, palos in toto agro Veneto, vulgatissimum.

S. spadiceum Fr.

Ad truncos et ramos quercinos in sylva *Montello*, autumno.

S. rubiginosum (Schrad.) Fr.

Ad truncos querneos et castaneos in sylva *Montello* et *Fregona*.

S. disciforme DC.

Ad caudices dejectos et ecorticatos quercuum in sylva *Montello* et castanearum *a Miane*.

2. Resupinatus Fr.

S. acerinum (Pers.) Fr.

Heufl. Crypt. Ven. 67.

In cortice Aceris campestris et Juglandis regiae in agro Veronensi (Poll. Ver. III. 577).

31. CORTICIUM Fr.

1. Apus Fr.

C. ochroleucum Fr.

Heufl. Crypt. Ven. 66.

Auricularia papyrina DC. Nacc. Ven. VI. 103.

In truncis arborum in prov. *di Venezia* (Nacc. l. c.).

C. evolvens Fr.

— var. *cupulare*.

Ad cortices arborum frondosarum Patavii, cum varietate.

2. Himantia Fr.

C. lacteum Fr.

Ad truncos, ramos, palos in toto agro Veneto, frequens et versiforme, per annum.

C. coeruleum (Schrad.) Fr.

Ad ligna putrida in agro Tarvisino (Bérenger!) et Patavino.

3. Lejostroma Fr.

C. calceum Fr.

Ad ligna abietina in sylva *Cansiglio* (Bérenger!).

C. quercinum (Pers.) Fr.

Heufl. Crypt. Ven. 66.

In ramis quercinis in *s. Montello, a Cessalto* in prov. Tarvisina, et in agro Veronensi.

C. incarnatum (Pers.) Fr.

Ad ramos et truncos in sylva *Montello, a Motta* et *Padova*, frequens.

C. polygonium (Pers.) Fr.

Heufl. Crypt. Ven. 66.

Thelephora cruenta Pers. Poll. Ver. III. 575.

Ad corticem *Fagi sylvaticae* in *M. Baldo* prope *il Pra lungo* (Poll. l. c.).

C. comedens Nees.

Ad ramulos emortuos querneos, quos decorticat, *a Codognè* prov. Tarvisinae, in sylvulis (Bérenger!).

C. Sambuci (Pers.) Fr.

In caudicibus putrescentibus *Sambuci nigrae* in agro Veronensi (Poll. Ver. III. 576).

32. AURICULARIA Bull. ex p., Fr.

A. mesenterica Bull.

In agro Tarvisino, Patavino, Vicetino, Veronensi ad caudices Aesculi, Ulmi, Vitis, Castaneae, Fagi, etc. frequens.

A. sambucina (Scop.) Mart.

Ad truncos Ailanthi, Sambuci, Broussonetiae in agro Tarvisino, Patavino, Vicetino, Veronensi, aestate.

33. CYPHELLA Fr.

C. muscigena (Pers.) Fr.

In sylva *Montello* ad muscos, rarior, autumno.

Ordo V. Clavarieae Fr.

34. CLAVARIA L. em. Fr.

1. Ramaria Fr.

A. *Leucosporae* Fr.

C. Botrytis Pers.

Heufl. Crypt. Ven. 67.

In sylvis Veronensibus (Poll. III. 583) et Tarvisinis (Fracchia Tab. fungh. mang. Trev.). — Edulis.

Vulgo: *Dedele roane* (Tarv.).

Obs. An haec sit vera *Cl. Botrytis* leucospora vel potius *Cl. formosa* ochrospora dijudicare nequeo.

C. flava Fr.

In sylvaticis provinciae Tarvisinae (Fracchia Tab. fungh. mang. Trev.). — Edulis.

Vulgo: *Delele zale drete* (Tarv.).

C. muscoides. L.

Heufl. Crypt. Ven. 67.

C. corniculata Schäff. t. 173. Poll. Ver. III. 582.

In muscosis sylvae *Montello,* non rara, et in *M. Baldo.*

C. coralloides L.

In herbidis umbrosis Patavii, nec non secundum auctores in agris Utinensi, Vicetino, Veronensi et Venetiarum.

C. coeruleum (Schrad.) Fr.

Ad ligna putrida in agro Tarvisino (Bérenger!) et Patavino.

3. Lejostroma Fr.

C. calceum Fr.

Ad ligna abietina in sylva *Cansiglio* (Bérenger!).

C. quercinum (Pers.) Fr.

Heufl. Crypt. Ven. 66.

In ramis quercinis in *s. Montello, a Cessalto* in prov. Tarvisina, et in agro Veronensi.

C. incarnatum (Pers.) Fr.

Ad ramos et truncos in sylva *Montello, a Motta* et *Padova*, frequens.

C. polygonium (Pers.) Fr.

Heufl. Crypt. Ven. 66.

Thelephora cruenta Pers. Poll. Ver. III. 575.

Ad corticem *Fagi sylvaticae* in *M. Baldo* prope *il Pra lungo* (Poll. l. c.).

C. comedens Nees.

Ad ramulos emortuos querneos, quos decorticat, *a Codognè* prov. Tarvisinae, in sylvulis (Bérenger!).

C. Sambuci (Pers.) Fr.

In caudicibus putrescentibus *Sambuci nigrae* in agro Veronensi (Poll. Ver. III. 576).

32. AURICULARIA Bull. ex p., Fr.

A. mesenterica Bull.

In agro Tarvisino, Patavino, Vicetino, Veronensi ad caudices Aesculi, Ulmi, Vitis, Castaneae, Fagi, etc. frequens.

A. sambucina (Scop.) Mart.

Ad truncos Ailanthi, Sambuci, Broussonetiae in agro Tarvisino, Patavino, Vicetino, Veronensi, aestate.

33. CYPHELLA Fr.

C. muscigena (Pers.) Fr.

In sylva *Montello* ad muscos, rarior, autumno.

Ordo V. Clavarieae Fr.

34. CLAVARIA L. em. Fr.

1. Ramaria Fr.

A. *Leucosporae* Fr.

C. Botrytis Pers.

Heufl. Crypt. Ven. 67.

In sylvis Veronensibus (Poll. III. 583) et Tarvisinis (Fracchia Tab. fungh. mang. Trev.). — Edulis.

Vulgo: *Dedele roane* (Tarv.).

Obs. An haec sit vera *Cl. Botrytis* leucospora vel potius *Cl. formosa* ochrospora dijudicare nequeo.

C. flava Fr.

In sylvaticis provinciae Tarvisinae (Fracchia Tab. fungh. mang. Trev.). — Edulis.

Vulgo: *Delele zale drete* (Tarv.).

C. muscoides. L.

Heufl. Crypt. Ven. 67.

C. corniculata Schäff. t. 173. Poll. Ver. III. 582.

In muscosis sylvae *Montello,* non rara, et in *M. Baldo.*

C. coralloides L.

In herbidis umbrosis Patavii, nec non secundum auctores in agris Utinensi, Vicetino, Veronensi et Venetiarum.

C. cinerea Bull.

In sylvaticis provinciae Tarvisinae (Bérenger! Sacc.).

C. cristata Holmsk.

— α *crassicaulis:* caulibus, confluendo, crassioribus.
— β *leptoclada:* ramis elongatis strictis.
— γ *alba:* tota candida.

In sylvaticis agri Tarvisini et Patavini, frequens. — α in sylva *Montello* et Patavii, — β in *s. Montello,* — γ in *Montello* et a *Vittorio,* rarior; aestate et autumno.

C. rugosa Bull.

In sylvaticis muscosis *a Fregona* (prov. Tarv.), autumno.

Obs. Rami pauci, apice crassiores, inferne rugulosi, cinereo-rufi. An satis diversa a C. cristatae formis nonnullis?

B. *Ochrosporae* Fr.

C. aurea Schäff.

Cl. lutea Vitt., Fracchia Tab. fung. mang. Trev.

In sylva *Montello,* autumno frequens. — Edulis.

Vulgo: *Dedele zale rize* (Tarv.).

C. rufescens Schäff.

Tab. nostra VIII. f. 9-10.

In sylva *Montello* et in nemorosis circa *Vittorio,* autumno, frequens. — Edulis.

Vulgo: *Dedela roana* (Tarv.).

C. formosa Pers.

Pers. Ic. et Descr. t. III. f. 6.

In sylva *Montello* autumno frequens et in sylva *Feletto,* rarior.

Vulgo: *Dedela vinada,* quia caro fracta rubescit; non est vesca.

Obs. Tota vinoso-purpurea; ramuli stricti apice flaventes; sporidia ochracea.

C. rubella Schäff.

In sylva *Montello,* autumno seriore. — Edulis.

Vulgo: *Dedèle roane* (Tarv.).

Obs. Sporidia ochracea, ovata, majuscula.

C. crispula Fr.

In muscosis agri Vicetini (Marzari Vic. 54) et Venetiarum (Nacc. Ven. VI. 6.).

2. Coryne (Syncoryne et Holocoryne Fr.).

Obs. Plurès harum Friesii sectionum species nunc solitariae, nunc basi confluenti fasciculatae reperiuntur, ideoque discrimen nullum et sectio unica habenda.

C. rosea Fr.

In herbidis muscosis Patavii, rarior, autumno.

C. inaequalis Müll.

Tab. nostra VIII. f. 11-13.

In herbidis muscosis Patavii, rarior, autumno.

Obs. Clavula farcta utrinque longitudinaliter sulcata, flavida; sporidia alba.

C. vermiculata Scop.

Heufl. Crypt. Ven. 66.

In sylvis collinis Vicetinis, Veronensibus (Poll. Ver. III. 581.).

C. fragilis Holmsk.

Heufl. Crypt. Ven. 67.

— β *cylindracea.*

— γ *gracilis* (Pers.).

In herbidis, muscosis agri Patavii, Tarvisini et Veronensis. — β Patavii et in s. *Montello,* — γ Patavii in Horto botanico; aestate et autumno.

Obs. Simplex v. gregaria; clavulae dein compressae, longitudinaliter sulcatae.

C. pistillaris L.

— var. *bifida:* clava superne biloba.

In muscosis herbidis umbrosis sylvae *Montello,* autumno, frequens: — var. rarior.
A quibusdam comeditur et vulgo dicitur: *Mazochete.*

C. Ligula Schäff.

In muscosis sylvae *Montello,* autumno seriore, raro.
Obs. Clava apice leviter crenulato-incisa.

35. TYPHULA Fr.

T. gyrans (Batsch) Fr.

In foliis dejectis praesertim populneis *a Vittorio,* autumno, rara.
Obs. Tota alba; clavula ovata; stipes pubens.

Ordo VI. Tremellineae Fr.

36. TREMELLA L. em. Fr.

1. Mesenteriformes Fr.

T. quercina Poll.

Poll. Hort. et prov. Ver. pl. nov. p. 31 (1814).
T. frondosa Fr. (1822) Heufl. Crypt. Ven. 76.
In truncis quercuum in sylva *Montello* (Bérenger!), et super ramos quercinos putrescentes, qui ad vites sustinendas inserviunt in agro Veronensi (Poll. l. c.) autumno.
Obs. Secundum Fuckel (Symb. Myc. I. Nacht. p. 50) haec species est verisimiliter status conidiophorus *Helotii lenticularis* (Bull.) Fr.

T. foliacea Pers.

Ad truncos querneos dejectos sylvae *Montello,* autumno.
Obs. Sec. Fuck. (Symb. myc. 286) est status conidiophorus *Bulgariae inquinantis* (Pers.) Fr.

2. Cerebrinae Fr.

T. mesenterica Retz

Heufl. Crypt. Ven. 76.

Super caudices et ramos emortuos in montibus Veronensibus vere et aestate et interdum hieme, post pluvias (Poll. Ver. III. 558).

3. Coryne Fr.

T. sarcoides With.

Ad truncos Patavii, autumno.

Obs. Status conidiophorus *Corynis sarcoidis* (Pers.) Tul.

37. EXIDIA Fr. ex. p.

E. glandulosa (Bull.) Fr.

Ad truncos Ailanthi et Quercus in agro tarvisino: *Selva, Montello, Motta,* autumno.

Obs. Nigra, sed visa contra lucem olivacea, papillis prominulis hinc inde exasperata.

Est status conidiophorus *Propolis transversalis* Fuck., secund. ipsum Fuck. (Symb. 254).

38. DACRYMYCES Nees

D. pallens Fic.

In truncis variis arborum frondosarum: *Montello* et Patavii.

D. deliquescens (Bull.) Duby

In lignis emortuis putrescentibus querneis in sylva *Montello,* autumno.

Subcohors II. PHALLOIDEAE Fr.

39. PHALLUS L.

P. impudicus L.

In agris tarvisinis, patavinis, vicetinis, Venetiis, non raro, autumno. — Venenatus.

Vulgo: *Fongo de biscia* (Ven.).

40. MUTINUS Fr.

M. caninus (Huds.) Str.

Heufl. Cryp. Ven. 67.

Ad truncos putrescentes populneos in prov. Venetiarum. (Nacc. Ven. VI. 22).

Esculentus, sed parum sapidus.

Vulgo: *Pissacàn* (Ven.).

41. CLATHRUS Mich.

C. cancellatus L.

Ad terram udam, umbrosam *a Selva, Padova* et in agris vicetinis, veronensibus et forojuliensibus, parce, aestate.

Subcohors III. GASTEROMYCETEAE Fr. p. p. de Bary.

Ordo VIII. Lycoperdaceae Fr.

42. LYCOPERDON Tourn. p. p.

L. plumbeum (Pers.) Vitt.

Ad aggeres herbidos *a Selva* et in *Montello,* autumno; in collibus veronensibus (Poll.).

L. atropurpureum Vitt.

In ericetis sylvae *Montello,* frequens, autumno.

L. pyriforme Schäff.

Heufl. Crypt. Ven. 67.

In sylva *Montello, Cansiglio* et ad radices fagorum in *M. Baldo,* aestate.

L. perlatum Pers.

In sylva *Montello* et *Cansiglio,* aestate et autumno.

L. excipuliforme Scop.

In sylva *Montello,* et in graminosis nemorosis agri Veronensis (Poll. Ver. III. 711); autumno.

L. gemmatum Batsch

Heufl. Crypt. Ven. 67.

— β *papillatum* (Schäff.).

— γ *echinatum* (Pers.).

In graminosis, humidulis totius agri Veneti; aestate et autumno.

— β *a Selva* in pratis; — γ *a Fregona* in sylvaticis.

Vulgo: *Vessa* (Tarv.), *Peto de lovo* (Ver.) nomina promiscua et caeteris speciebus.

L. caelatum Bull.

Heufl. Crypt. Ven. 68.

In sylva *Montello,* rarius, et in montanis Bellunensibus, aut.

L. Bovista L. Vitt.

Heufl. Crypt. Ven. 68.

In collinis et montanis herbosis agri Tarvisini, Vicetini, Veronensis, Forojuliensis, autumno.

Vulgo: *Fongo bovin* (Ver.): dum juvenile est vescum.

43. GEASTER Mich.

G. fornicatus (Huds.) Fr.

In sylvaticis *a Feletto,* ad caudices caesos pineos, autumno, raro.

G. rufescens Pers.

Heufl. Crypt. Ven. 68.

In nemoribus graminosis montanis circa *Recoaro* agri Vicetini (Poll. Ver. III. 717).

G. hygrometricus Pers.

Heufl. Crypt. Ven. 68.

In graminosis et ericetis sylvae *Montello* et circa *Recoaro,* autumno.

44. SCLERODERMA Pers.

***S. Geaster* Fr.**

In ericetis sylvae *Montello*, rarius, autumno.

***S. vulgare* Fr.**

In graminosis et argillosis *Montello*, autumno.

***S. verrucosum* (Bull.) Pers.**

In sylvaticis graminosis tarvisinis, patavinis et veronensibus, non raro, autumno.

45. TULASNODEA Fr.

***T. mammosa* Fr.**

In arenosis veronensibus (Massalongo!), circa *Salò*, *Lazise*, *Ospedaletto*, *Guastalla*, *Villafranca* (Poll! Ver. III. 718) et *a Fossone* in litore veneto (Nacc. Ven. VI. 24), aut.

Obs. *T. fimbriata* Fr., ad quam Cl. Heufler (Crypt. Ven. 68) trahit synonima Pollini et Naccarii (l. c.), non videtur species veneta.

Ordo IX. Nidulariaceae Fr.

46. CRUCIBULUM Tul.

C. vulgare Tul. — Cyathus Crucibulum Hoffm.

Heufl. Crypt. Ven. 68.

Ad truncos et palos emortuos in sylva *Montello* et *Fregona*, nec non in collibus veronensibus circa *Ospedaletto* et *Guastalla* (Poll. Ver. III. 709).

47. CYATHUS Fr.

C. striatus (Huds.) Hoffm.

Heufl. Crypt. Ven. 68.

Ad terram et fragmenta lignea *a Selva* et *Vittorio,* atque in provinciis patavinis et vicetinis, autumno.

C. vernicosus (Bull.) DC.

Heufl. Crypt. Ven. 68.

In campestribus agri tarvisini, vicetini, autumno, frequens.

Cohors II. HYPODERMEAE de Bary

Ordo X. Ustilagineae Tul.

48. USTILAGO Link

U. receptaculorum (DC.) Fr.

In receptaculis florum Scorzonerae humilis in collibus circa *Conegliano,* Majo (Bérenger!).

U. Candollei Tul. — Uredo utriculosa Cord.

Tab. nostra XVH. f. 32.

In fructibus immaturis Polygoni Hydropiperis *a Selva* et *Treviso,* autumno.

U. Caricis (Pers.) Fuck.

Tab. nostra XVIII. f. 31.

In fructibus immaturis caricum variarum, praecipue Caricis digitatae, in agro Tarvisino et Patavino, autumno.

U. Luzulae Sacc. (species nova).

Tab. nostra XVII. f. 33-34.

Sporidiis ovaria Luzulae occupantibus, sphaeroideis, majusculis diam. 20 micr. atro-brunneis, tegumento crassiusculo minute sed conspicue papillatis, mox secedentibus et pulverem atrum efformantibus, filamentis tenuissimis hyalinis intermixtis.

In Luzulae Forsteri ovariis, quae tandem in sphaerulas atras pulveraceas (pari modo ac Ust. Candollei et U. Caricis) mutantur. Legit ill. Eq. de Bérenger in sylva *Cansiglio* agri Tarvisini.

Obs. Ab Ustilagine Caricis (Pers.) Fuck. differt sporidiis sphaeroideis nec angulosis et multo evidentius papillatis et praeterea loco natali.

U. segetum (Pers.) Ditm.

Heufl. Crypt. Ven. 68.

Intra glumas plurimorum graminum, praecipue Tritici, Hordei et Avenae in toto agro Veneto.

U. destruens (Dub.) Schlechtd.

Intra glumas Panici miliacei in prov. Venetiarum (Mart. Ven. II. 648 sub *Ured. Seget.* δ *Panici miliacei*).

U. Maydis (DC.) Tul.

Ad flores et fructus immaturos nec non ad vaginas foliorum Zeae Maydis in toto agro Veneto nimis frequens, aestate. Vulgo: *Carbòn, Matòn del Sorgoturco.*

U. Rudolphi Tul.

Tab. nostra XVII. f. 29-30.

Sorosporium Saponariae Rud. (1829) *Uredo Silenis inflatae* Zigno (Plant. Crypt. Pat. p. 3; 1833).

In ovariis Silenis inflatae in agro Patavino, Augusto (Zigno!).

Obs. Sporidia, primitus in massulas conglobata, argillacea, asperula (14 ∽ 12).

49. TILLETIA Tul.

T. Caries (DC.) Tul.

Ad caryopsides Tritici sativi in toto agro Veneto, aestate. Vulgo: *Marzo, Marzetto, Carbòn del formento.*

50. UROCYSTIS Rabenh.

U. pompholygodes (Schlechtd.) Fuck.

Heufl. Crypt. Ven. 68.

In foliis Hellebori viridis in sylva *Cansiglio,* junio (Bérenger!) et in foliis Anemones nemorosae et Hepaticae in agro Veronensi et Venetiarum (Poll. Ver. III. 734 et Nacc. Ven. VI. 29 sub Ured. Ranunculacearum DC.).

Ordo XI. Uredineae Tul.

51. CAEOMA Lk. em. Tul.

C. Hypericorum (DC.) Schlechtd.

Heufl. Crypt. Ven. 68.

In hypophyllo Hyperici Androsaemi in montanis *Valdobbiadene* (Bérenger!) et *a Recoaro, Civellina* (Poll.) Jul. Aug.

C. Evonymi (Mart.) Sacc.

In foliis Evonymi europaei prope flum. *Piave* (Bérenger!).

Obs. Sori zonis latis aurantiacis cinguntur.

C. Pyrolae (Mart.) Schlechtd.

In hypophyllo Pyrolae uniflorae in sylva *Cansiglio*, Junio (Bérenger!).

C. filicum Lk.

Heufl. Crypt. Ven. 68.

In hypophyllo Adianti Capilli Veneris *a Serravalle* (Bérenger!), et in stipite et in utraque pagina frondis Cystopteridis fragilis in agro Veronensi (Poll. Ver. III. 731 sub Ured. Aspidii Poll.).

C. excavatum Lk.

Uredo excavata DC. Nacc. Ven. VI. 28. — Heufl. Crypt. Ven. 75.

In foliis Euphorbiae Pepli L. in litore veneto, rarius (Nacc. Ven. VI. 28.

Obs. Probabiliter status cujusdam Uromycis.

52. COLEOSPORIUM Lév.

C. miniatum (Pers.) Bon.

Heufl. Crypt. Ven. 68.

In foliis, calycibusque Rosae centifoliae aliarumque a *Conegliano* (Bérenger!), Patavii (Zigno!), Venetiis (Naccari).

C. Symphyti (DC.) Fuck. [status stylosporus].

In foliis Symphyti officinalis *a Valdobbiadene* in prov. Tar. visina, aestate (Bérenger!) et in foliis Symphyti bulbosi Patavii, vere (Sacc.).

C. Campanulacearum (Pers.) Fr.

Heufl. Crypt. Ven. 68.

In foliis variarum Campanularum, exempli gratia C. Rapunculi, C. rapunculoidis, Speculariae etc. *a Conegliano,* in agro Patavino et Venetiis.

C. Rhinanthacearum (DC.) Fr.

In foliis caulibusque Melampyri nemorosi, pratensis etc. in sylvaticis *Montello, Conegliano,* et Patavii.

C. Senecionis (Schum.) Fr.

In hypophyllo Senecionis vulgaris in sylva *Cansiglio* junio, julio (Bérenger!).

C. Sonchi (Schum.) Lév.

Heufl. Crypt. Ven. 68.

In foliis Sonchi arvensis in agro Veronensi, haud infrequens, aestate (Poll. Ver. III. 732).

C. Tussilaginis (Pers.) Lév.

Heufl. Crypt. Ven. 68.

In foliis Tussilaginis Farfarae et Petasitis in agro Tarvisino, Veronensi et Venetiarum.

C. Inulae (Kze.) Fuck.

In foliis Inulae hirtae prope *Conegliano,* Augusto (Bérenger!).

53. MELAMPSORA Cast.

M. Lini (DC. em.) Tul.

In foliis Lini cathartici *a Valdobbiadene* (Bérenger!) et Patavii (Zigno).

M. Carpini Fuck.

In foliis Carpini Betuli in via a *Refrontolo* ad *Soligo* (prov. Tarv.), Septembre (Bérenger!).

M. Betulae (Kl. em.) Desm.

Heufl. Crypt. Ven. 69.

In foliis Betulae albae, rarius, in agro Veronensi. (Poll. Ver. III. 731, sub Ured. longicapsula β betulina).

Obs. Nescio an fungus a Pollinio (l. c.) et Naccario (VI. 27) in Alni glutinosae et incanae foliis lectus verae Melampsorae betulinae pertineat.

M. populina (Jacq. em.) Lév.

Heufl. Crypt. Ven. 69.

I. Status stylosporus: *Uredo populina* Pers.

II. » teleutosporus: *Sclerotium populinum* Pers.

I. In foliis Populi nigrae, pyramidalis et angulatae in agro Tarvisino, Veronensi et Venetiarum, autumno. II. *a Conegliano* (Bérenger!).

M. salicina Lév. em.

Heufl. Crypt. Ven. 69.

— α *Capraearum*. I. status stylosporus: *Uredo Capraearum* DC.

II. » teleutosporus: *Sclerotium salicinum* Fr.

— β *Vitellinae* I. » stylosporus: *Uredo Vitellinae* DC.

II. » teleutosporus *notus*.

— γ *mixta* I. » stylosporus: *Uredo mixta* DC.

II. » teleutosporus *notus*.

Var. α I. in foliis Salicis Capraeae et cinerae in agro Tarvisino (*Follina* etc.), Veronensi et Venetiarum. — Var. β I. In foliis Salicis vitellinae et albae *a Conegliano*, et in agro Veronensi et Venetiarum. — Var. γ I. in foliis Salicis purpureae, incanae, *a Tarzo*, et in agro Veronensi et Venetiarum. I. aestate, II. autumno.

M. Euphorbiae (Pers. em.) Cast.

Heufl. Crypt. Ven. 69.

I. status stylosporus: *Uredo Euphorbiae Helioscopiae* Pers.
II. » teleutosporus: *Rhytisma Euphorbiae* Schub.

In foliis Euphorbiae dulcis, Pepli, helioscopiae in agro Tarvisino (*Selva, Conegliano, Valdobbiadene*), Patavino Veronensi et Venetiarum, autumno.

54. PHRAGMIDIUM Link

Ph. Poterii Fuck.

Heufl. Crypt. Ven. 69.

I. Status stylosporus: *Uredo Poterii* Rbh.
II. » teleutosporus: *Phragmidium mucronatum* β *Sanguisorbae* Wallr.

In foliis Poterii Sanguisorbae in agro Veronensi et Venetiarum (Poll. Ver. III. 728 et Nacc. Ven. VI. 28 sub Ured. Potentillarum in Poterio).

Ph. apiculatum Rbh. em. Fuck.

Heufl. Crypt. Ven. 69.

I. Status stylosporus: *Uredo Potentillarum* DC. p. p.
II. » teleutosporus: *Phragmidium apiculatum* Rabh.

In foliis Potentillae vernae in agro Veronensi et Venetiarum (Poll. et Nacc. l. c.).

Ph. obtusum Kze et Schm. em. Tul.

I. Status stylosporus: *Uredo Potentillarum* DC. p. p.
II. » teleutosporus: *Phragmidium obtusum* Kze et Schm.

In foliis Potentillae argenteae in agro Veronensi (Poll. l. c.).

Ph. gracile Grev. em.

Phragmidium effusum Awd. Fuck.

I. Status stylosporus: *Uredo gyrosa* Reb.
II. » teleutosporus: *Phragmidium gracile* Grev.

In foliis Rubi Idaei in agro Tarvisino, aestate.

Ph. bulbosum Schlechtd. em.

Ph. incrassatum Lk. Heufl. Crypt. Ven. 69.

I. Status stylosporus: *Uredo Ruborum* DC. p. p.

II. » teleutosporus: *Phragmidium bulbosum* Schlechtd.

In foliis Rubi fruticosi et caesii in agro Tarvisino, Veronensi, aestate et autumno.

Ph. Rosarum Rabh. em. Fuck.

Tab. nostra XVII. f. 46-49.

Heufl. Crypt. Ven. 69.

I. Status stylosporus: *Uredo Rosae* Pers.

II. » teleutosporus: *Phragmidium Rosarum* Rabh.

In foliis Rosarum, praecipue cultarum in agro Tarvisino, Patavino, Veronensi, aestate et autumno.

55. PUCCINIA Pers.

P. Anemones Pers. em. Fuck.

Heufl. Crypt. Ven. 69.

I. Status hymenicus: *Aecidium punctatum* Pers.

II. » teleutosporus: *Puccinia Anemones* Pers.

I. In foliis Anemones ranunculoidis in agro Veronensi (Poll. Ver. III. 741. sub Aecidio punctato Pers.).

P. Prunorum Link em. Fuck.

Tab. nostra XVII. f. 36-37.

I. Status stylosporus: *Uromyces Prunorum* Fuck.

II. » teleutosporus: *Puccinia Prunorum* Link.

In foliis Pruni domesticae, P. insiticiae, P. Cerasi *a Selva,* tam I. quam II, autumno.

P. Violarum Lk. em. Fuck.

Heufl. Crypt. Ven. 69.

I. Status hymenicus: *Aecidium Violae* Schum.

II. » stylosporus: *Uredo Violarum* DC.

III. » teleutosporus: *Puccinia Violarum* Lk.

I. et II. In foliis Violae odoratae, V. sylvestris etc. in agro Patavino, Veronensi et Venetiarum.

P. Lychnidearum Lk. em. Fuck.

I. Status hymenicus: *Aecidium Behenis* DC.
II. » stylosporus: *Uredo Behenis* DC.
III. » teleutosporus: *Puccinia Lychnidearum* Lk.
II. In foliis Silenis inflatae prope *Serravalle* (Bérenger!).

P. Rhododendri Fuck.

I. Status stylosporus: *Uredo Rhododendri* DC.
I. » teleutosporus *notus.*
I. In hypophyllo Rhododendri ferruginei in *M. Cavallo* bellunensi (Bérenger!), Junio.

P. Aegopodii Lk. em. Fuck.

I. Status stylosporus: *Uredo Aegopodii* Str. U. Podagrariae Poll. Ver. III. 737.
II. » teleutosporus: *Puccinia Aegopodii* Lk.
I. In foliis Aegopodii Podagrariae aestate in agro Veronensi (Poll. l. c.).

P. Umbelliferarum DC. em.

I. Status stylosporus: *Uredo Umbelliferarum* Spr.
II. » teleutosporus: *Puccinia Umbelliferarum* DC.
I. In petiolis et foliis Laserpitii latifolii secus fl. *Piave* (prov. Tarv.) Majo (Bérenger!).

P. Chondrillae Cord. em. Fuck.

Heufl. Crypt. Ven. 69.
I. Status hymenicus: *Aecidium Lactucae* Opiz.
II. » stylosporus: *Uredo Cichoracearum* DC.
III. » teleutosporus: *Puccinia Chondrillae* Corda.
In foliis Taraxaci off., Lactucae muralis, etc. in agro Tarvisino, Patavino, Venetiarum, Veronensi, praecipue II.

P. Centaureae DC. em. Fuck.

Tab. nostra XVII. f. 39.
Heufl. Crypt. Ven. 69.
I. Status hymenicus: *Aecidium Centaureae* DC.
II. » stylosporus: *Uredo Cyani* DC.

III. Status teleutosporus: *Puccinia Centaureae* DC.

III. In foliis Centaureae montanae *a Valdobbiadene* et I. Centaureae Cyani et C. montanae in agro Veronensi et Venetiarum.

P. obtegens Tul.

Heufl. Crypt. Ven. 69.

I. Status spermogonicus: *Sphaeronema Cirsii* Lasch.
II. » hymenicus: (ignotus).
III. » stylosporus: *Uredo suaveolens* Pers.
IV. » teleutosporus *notus*.

I. et III. In foliis Cirsii arvensis in agro Patavino, Tarvisino, Veronensi et Venetiarum vere; IV. raro cum stylosporis Patavii, serius.

Obs. Teleutosporae crassae, 24 - 18, ad septum non v. vix constrictae fuligineae, guttatae, stipite hyalino brevi, 4-5 micr. longo.

P. Cirsii Lasch em. Fuck.

I. Status hymenicus: *Aecidium Cirsii* DC.
II. » stylosporus: *Uredo Cirsii* Lasch.
III. » teleutosporus: *Puccinia Cirsii* Lasch.

II. In foliis Cirsii lanceolati et C. Eriophori prope *Conegliano* (Bérenger!), aestate.

P. Tragopogonis Corda em. Fuck.

Heufl. Crypt. Ven. 69.

I. Status hymenicus: *Aecidium Tragopogonis* Pers.
II. » stylosporus (ignotus).
III. » teleutosporus: *Puccinia Tragopogonis* Corda

I. In foliis Tragopogonis pratensis in agro Tarvisino, Patavino, Veronensi et Venetiarum.

P. Glechomae DC. em. Fuck.

Tab. nostra XVII. f. 35.

Status hymenicus et stylosporus ignoti.

In foliis Glechomae hederaceae Patavii, autumno.

***P. Menthae* Pers. em. Tul.**

Heufl. Crypt. Ven. 69.

I. Status hymenicus: *Aecidium Menthae* DC.
II. » stylosporus: *Uredo Menthae* Pers.
III. » teleutosporus: *Puccinia Menthae* Pers.

In foliis caulibusque Menthae sylvestris, arvensis, aquaticae in agro Tarvisino, Patavino et Venetiarum.

***P. Clinopodii* DC. em.**

P. Calaminthae Fuck.

I. Status hymenicus: *Aecidium Menthae* DC. p. p.
II. » stylosporus: *Uredo Clinopodii* Rabh.
III. » teleutosporus: *Puccinia Clinopodii* DC.

I. In foliis Calaminthae Nepetae et grandiflorae in montanis *a Valdobbiadene* (Bérenger!).

***P. Vincae* Berk.**

I. Status stylosporus: *Uredo Vincae* DC.
II. » teleutosporus: *Puccinia Vincae* Berk.

In foliis Vincae majoris in hortis Patavii, aestate.

***P. Gentianae* Lk. em. Fuck.**

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Pseudo-peridiis sparsis cyathiformibus discretis; sporidiis flavidis angulosis minute papillatis.*
II. » stylosporus: *Uredo Gentianae* DC.
III. » teleutosporus: *Puccinia Gentianae* Lk.

I. In calycibus Gentianae acaulis *a Valdobbiadene* (Bérenger!) et II. in foliis Gentianae cruciatae in agro Veronensi (Poll. Ver. III. 736).

***P. Thesii* Chaill. em. Fuck.**

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium Thesii* Desv.
II. » stylosporus: *Uredo Thesii* Dub.
III. » teleutosporus: *Puccinia Thesii* Chaill.

I. In foliis Thesii Linphylli in *M. Baldo,* majo et junio (Poll. Ver. III. 741).

P. Buxi DC. em. Fuck.

Status hymenicus et stylosporicus ignoti.

In foliis Buxi sempervirentis *a Selva*, prov. Tarvisina.

P. Polygonorum Fuck.

I. Status stylosporus: *Uredo Polygonorum* DC. p. p.

II. » teleutosporus: *Puccinia Polygoni Convolvuli* DC.

I. In foliis Polygoni Convolvuli in sylva *Cansiglio* et ad sepes Patavii.

P. Convolvuli Cast. em.

I. Status hymenicus: *Aecidium Convolvulacearum* Ces.

II. » stylosporus: *Uredo Convolvuli* Str.

III. » teleutosporus; *Puccinia Convolvuli* Cast.

I. II. et III. in foliis Convolvuli arvensis et Calystegiae sepium in agro Tarvisino et Patavino, III. serius et rarius.

Obs. Uromyces Calystegiae Fuck. huc pertinere credo.

P. Alliorum Corda

In foliis Allii cujusdam in Horto botanico Patavino, aestate.

P. caricina DC. em. Fuck.

Heufl. Crypt. Ven. 70.

I. Status stylosporus: *Uredo Pseudocyperi* Rabh.

II. » teleutosporus: *Puccinia caricina* DC.

In facie superiore foliorum Ciricis Pseudocyperi in agro Veronensi (Poll. Ver. III. 729 sub Uredine Rubigine β Caricis).

P. Straminis Fuck. em. de Bary

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium Asperifolii* Pers.

II. » stylosporus: *Uredo Rubigo-vera* DC.

III. » teleutosporus: *Puccinia Straminis* Fuck.

I. In foliis Cynoglossi picti et Lycopsidis arvensis in agro Veronensi (Poll. Ver. III. 743). II. et III. in pluribus gramineis ad folia et vaginas in toto agro Veneto.

P. Graminis Pers. em. de Bary

Heufl. Crypt. Ven. 70.

I. Status himenicus: *Aecidium Berberidis* Gm.
II. » stylosporus: *Uredo linearis* Pers.
III. » teleutosporus: *Puccinia Graminis* Pers.

I. In foliis Berberidis vulgaris in agro veronensi (Poll. III. 745). — II. et III. in Secale, Tritico, Lolio etc. totius agri Veneti.

P. coronata Corda em. de Bary

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium crassum* Pers.
II. » stylosporus notus.
III. » teleutsoporus: *Puccinia coronata* Corda

III. In foliis vaginisque Loliorum et Agropyrorum in prov. Tarvisina; I. in foliis Rhamni Frangulae, cathartici et saxatilis in agro Veronensi, Patavino et Venetiarum.

P. Brachypodii Fuck.

I. Status stylosporus notus.
II. » teleutosporus notus.

In foliis vaginisque Brachypodii gracilis in prov. Tarvisina *a Serravalle,* sept. (Bérenger!).

P. arundinacea Hedw. em. Tul.

I. Status stylosporus: *Uredo arundinacea* Houel.
II. » teleutosporus: *Puccinia arundinacea* Hedw.

In vaginis foliisque Phragmitis communis, Patavii aestate.

Obs. Sporidia longa stipitata, primo acuminata dein subobtusa rubiginosa, stipes 45 long. sporid. 40 long.

Sequentes species in statu hymenico (Aecidium) *tantum hucusque inventae sunt, ideoque sub Aecidii nomine traduntur.*

Aecidium Clematidis DC.

Heufl. Crypt. Ven. 75.

In foliis et petiolis Clematidis Vitalbae in litore Veneto (Nacc. Ven. VI. 33).

Aecidium Urticae DC.

Heufl. Crypt. Ven. 75.

In foliis Urticae urentis in agro Veronensi (Poll. Ver. VI. 744).

Aecidium Tussilaginis Gm.

Heufl. Crypt. Ven. 75.

In foliis Tussilaginis Farfarae in toto agro Veneto.

56. UROMYCES Lév.

U. Ficariae (A. S. em.) Fuck.

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium Ranunculacearum* DC.
II. » stylosporus ignotus.
III. » teleutosporus: *Uredo Ficariae* A. S.

In foliis Ficariae ranunculoidis Ranunculi acris etc. in provincia Tarvisina, Patavina et Venetiarum.

U. Silenes (Schlechtd. em.) Fuck.

I. Status hymenicus notus.
II. » stylosporus notus.
III. » teleutosporus: *Caeoma Silenes* Schlechtd.

Ad folia inferiora Silenes nutantis *a Cisòn*, prov. Tarvis., junio (Bérenger!).

U. Phaseolorum (Wallr. em.) de Bary

I. Status hymenicus: *Aecidium Phaseolorum* Wallr.
II. » stylosporus: *Caeoma rufum* Bon.
III. » teleutosporus: *Caeoma apiculosum* Bon.

I. et III. In foliis Phaseolorum et Dolichorum in agro Tarvisino.

U. Pisi (DC. em.) de Bary

Status stylosporus et teleutosporus noti.

In foliis Pisi sativi prope sylvam *Montello*, julio (Bérenger!).

U. Fabae (DC. em.) de Bary

Heufl. Crypt. Ven. 70.

I. Status stylosporus: *Uredo Fabae* DC.

II. » teleutosporus notus.

In foliis Viciae Fabae in agro Veronensi (Poll. Ver. III. 733) et Venetiarum (Nacc. Ven. VI. 29).

U. Viciae (Op. em.) Fuck.

Heufl. Cryp. Ven. 70.

I. Status hymenicus: *Aecidium Viciae* Opiz

II. » stylosporus notus.

III. » teleutosporus: *Uredo Leguminosarum α Viciarum* Rabh.

In foliis Viciae sativae, V. Sepium, Ervi Lentis in agro Veronensi et Venetiarum (Poll. Nacc. Cl. cc.).

U. Laburni (DC. em.) Fuck.

I. Status stylosporus et II. teleutosporus noti.

In foliis Cytisi Laburni in montanis *di Alpago* nec non in horto botanico Patavino.

U. Genistae (Str. em.) Fuck.

I. Status stylosporus et II. teleutosporus noti.

In foliis Genistae tinctoriae et sericae *a Follina, Montello* etc. in agro Tarvisino.

U. Trifolii (DC. em.) Fuck.

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium Trifolii repentis* Cast.

II. » stylosporus: *Uredo Anthyllidis* Grev.

III. » teleutosporus: *Uredo Trifolii* DC.

III. In foliis et petiolis Trifolii repentis in agro Tarvisino et Veronensi.

U. Polygoni avicularis (A. S. em.) Fuck.

I. Status hymenicus: *Aecidium Avicullariae* Kze.

II. » stylosporus: *Uredo Polygoni Avicularis* A. S.

III. » teleutosporus: *Capitularia Polygoni* Rabh.

II. In foliis, caulibusque Polygoni avicularis in sylva *Montello,* julio (Bérenger!).

U. Rumicum (DC. em.) Fuck.

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium Rumicis* Schlechtd.
II. » stylosporus: *Uredo Rumicum* DC.
III. » teleutosporus: *Uromyces fraternus* Lasch.

In foliis Rumicis obtusifolii, crispi, Acetosae in agro Patavino, Veronensi et Venetiarum.

U. scutellatus (Pers. em.) Sacc. — U. tuberculatus Fuck.

I. Status hymeniger: *Aecidium Euphorbiae* Pers.
II. » stylosporus: *Uredo scutellata* Pers.
III. » teleutosporus: *Uredo tuberculata* Fuck.

In foliis Euphorbiae Cyparissiae, E. Chamaesyces, E. Seguieri in toto agro Veneto.

U. Erythronii (DC. em.) Niessl

Heufl. Crypt. Ven. 70.

I. Status hymenicus: *Aecidium Erythronii* DC.
II. » teleutosporus: *Uredo Erythronii* DC.

In foliis Erythronii Dentis Canis in *M. Baldo* et *a Valdobbiadene* agri Tarvisini (I. et II. in eodem folio).

57. PILEOLARIA Cast.

P. Terebinthi (DC. em.) Cast.

I. Status stylosporus et II. teleutosporus noti.

In foliis Pistaciae Terebinthi in Horto botanico Patavino, aestate.

58. GYMNOSPORANGIUM Link

G. clavariiforme (Wulf.) DC.

Heufl. Crypt. Ven. 71.

Status hymenicus et stylosporus ignoti.

In ramis Juniperi communis in agro Veronensi et in litore veneto (Poll. Ver. III. 739. Nacc. Ven. VI. 31).

G. Juniperi Lk. — G. conicum DC.

Heufl. Crypt. Ven. 71.

I. Status hymenicus: *Ceratitium cornutum* (Pers.) Rbh.

In ramis Juniperi communis in sylva *Cansiglio* (Bérenger!) et Juniperi nanae in *M. Baldo* (Poll. Ver. III. 560 sub Tremella juniperina). — I. in foliis Sorbi Aucupariae, frequens.

Cohors III. PHYCOMYCETEAE de Bary

Ordo XII. Peronesporeae de Bary

59. PERONOSPORA de Bary

P. Dianthi de Bary

In pagina inferiore foliorum juvenilium Silenis Armeriae Patavii, majo.

P. parasitica (Pers.) de Bary

I. Status conidiophorus notus.

In foliis, caulibus et pedunculis plurium Cruciferarum in toto agro Veneto.

P. arborescens (Berk.) de Bary

I. Status conidiophorus et II. oogoniphorus noti.

In pagina inferiore foliorum Papaveris somniferi Patavii, vere.

P. effusa (Grev.) de Bary

I. Status conidiophorus et II. oogoniphorus in eodem fungo.

In foliis Chenopodiorum in agro Tarvisino, frequens.

P. nivea (Ung.) de Bary

In pagina inf. foliorum Aegopodii Podagrariae Patavii, majo.

60. CYSTOPUS de Bary

C. candidus (Pers.) de Bary

Heufl. Crypt. Ven. 71.

Status conidiophorus et oogoniphorus in eodem fungo.
In foliis, caulibus calycibusque plurium Cruciferarum, praecipue Capsellae, Brassicae, Barbareae, Diplotaxis, Alyssi calycini, in agro Tarvisino, Veronensi et Venetiarum.

C. spinulosus de Bary
Status conidiophorus et oogoniphorus in eodem fungo.
In hypophyllo Cirsii arvensis in sylvaticis prope *Conegliano* (Bérenger!).

C. cubicus (Str.) de Bary
Heufl. Crypt. Ven. 71.
Status conidiophorus et ooganiphorus in eodem fungo.
In foliis vaginisque Tragopogonis pratensis in agro Tarvisino et Veronensis.

C. Portulacae (DC.) de Bary
Status conidiophorus et ooganiphorus simul.
In foliis Portulacae oleraceae *a Conegliano* (Bérenger!).

C. Bliti (Biv.) de Bary
Status conidiophorus et ooganiphorus in eodem fungo.
In foliis Amaranthi Bliti circa *Conegliano* (Bérenger).

Ordo XIII. Mucorinae Fr. p. p. de Bary

61. MUCOR Mich.

M. Mucedo L. em. de Bary
Heufl. Crypt. Ven. 71.
I. Status sporangioliferus: *Ascophora elegans* Cord.
II. » sporangiiferus: *Mucor Mucedo* L.
In substantiis organicis putridis frequens in toto agro Veneto (II.).

M. caninus Pers.
In stercore canino corporibusque putridis frequens.

G. Juniperi Lk. — G. conicum DC.
Heufl. Crypt. Ven. 71.
I. Status hymenicus: *Ceratitium cornutum* (Pers.) Rbh.
In ramis Juniperi communis in sylva *Cansiglio* (Bérenger!) et Juniperi nanae in *M. Baldo* (Poll. Ver. III. 560 sub Tremella juniperina). — I. in foliis Sorbi Aucupariae, frequens.

Cohors III. PHYCOMYCETEAE de Bary

Ordo XII. Peronesporeae de Bary

59. PERONOSPORA de Bary

P. Dianthi de Bary
In pagina inferiore foliorum juvenilium Silenis Armeriae Patavii, majo.

P. parasitica (Pers.) de Bary
I. Status conidiophorus notus.
In foliis, caulibus et pedunculis plurium Cruciferarum in toto agro Veneto.

P. arborescens (Berk.) de Bary
I. Status conidiophorus et II. oogoniphorus noti.
In pagina inferiore foliorum Papaveris somniferi Patavii, vere.

P. effusa (Grev.) de Bary
I. Status conidiophorus et II. oogoniphorus in eodem fungo.
In foliis Chenopodiorum in agro Tarvisino, frequens.

P. nivea (Ung.) de Bary
In pagina inf. foliorum Aegopodii Podagrariae Patavii, majo.

60. CYSTOPUS de Bary

C. candidus (Pers.) de Bary
Heufl. Crypt. Ven. 71.

Status conidiophorus et oogoniphorus in eodem fungo.
In foliis, caulibus calycibusque plurium Cruciferarum, praecipue Capsellae, Brassicae, Barbareae, Diplotaxis, Alyssi calycini, in agro Tarvisino, Veronensi et Venetiarum.

C. spinulosus de Bary
Status conidiophorus et oogoniphorus in eodem fungo.
In hypophyllo Cirsii arvensis in sylvaticis prope *Conegliano* (Bérenger!).

C. cubicus (Str.) de Bary
Heufl. Crypt. Ven. 71.
Status conidiophorus et ooganiphorus in eodem fungo.
In foliis vaginisque Tragopogonis pratensis in agro Tarvisino et Veronensis.

C. Portulacae (DC.) de Bary
Status conidiophorus et ooganiphorus simul.
In foliis Portulacae oleraceae *a Conegliano* (Bérenger!).

C. Bliti (Biv.) de Bary
Status conidiophorus et ooganiphorus in eodem fungo.
In foliis Amaranthi Bliti circa *Conegliano* (Bérenger).

Ordo XIII. Mucorinae Fr. p. p. de Bary

61. MUCOR Mich.

M. Mucedo L. em. de Bary
Heufl. Crypt. Ven. 71.
I. Status sporangioliferus: *Ascophora elegans* Cord.
II. » sporangiiferus: *Mucor Mucedo* L.
In substantiis organicis putridis frequens in toto agro Veneto (II.).

M. caninus Pers.
In stercore canino corporibusque putridis frequens.

M. ramosus Bull.

In fungis putridis in agro Tarvisino et Veronensi frequens.

62. ASCOPHORA Tode.

A. Mucedo Tod.

In fungis lignosis putrescentibus in sylva *Montello.*

Cohors IV. ASCOMYCETEAE de Bary

Ordo XIV. Pyrenomyceteae Fr.

Subordo 1. Perisporiaceae Fr.

63. SPHAEROTHECA Lév.

S. pannosa (Schlechtd.) Lév. em. Fuck.

I. Status conidiophorus: *Oidium leucoconium* Desm.

In foliorum petiolis et florum pedunculis Rosarum cultarum; I. in foliis, totius agri Veneti.

S. Castagnei Lév. em. Fuck.

— β *Humuli:* Erysibe macularis α Humuli Rabh.

— γ *Vitis* Fuck. — status conidiophorus: Oidium Tuckeri Berk. Heufl. Crypt. Ven. 145.

In foliis variarum plantarum herbacearum — β Humuli in agro Patavino et Tarvisino statu conidiophoro et ascophoro; — γ Vitis in tota ditione Veneta, statu conidiophoro tantum.

64. PHYLLACTINIA Lév.

Ph. guttata Lév. em. Fuck.

In foliis variarum arborum, frequens in toto agro Veneto.

65. UNCINULA Lév.

U. adunca (Lk.) Lév.
— α *Salicum* (Rabh.).
— β *Populorum* (Rabh.).
In foliis Salicis purpureae et Populi nigrae a *Valdobbiadene* Bérenger!).

U. bicornis (Lk.) Lév.
In epiphyllo Aceris campestris *a Conegliano* (Bérenger!).

66. MICROSPHAERIA Lév.

M. penicillata (Lk.) Lév.
In foliis Alni glutinosae *a Conegliano* (Bérenger!).

67. ERYSIPHE Hedw. p. p. Lév.

E. lamprocarpa Lk.
— var. *Plantaginis* Rabh.
In foliis Plantaginis lanceolatae in agro Tarvisino (Bérenger!).

E. communis Schlechtd. p. p. Lév.
In foliis variarum plantarum in tota ditione Veneta.

68. CHAETOMIUM Kunze et Schm.

C. comatum (Tode em.) Sacc.
Sphaeria comata Tode. — Chaet. elatum K. et S.
I. Status conidiophorus: *Sporodum conopleoides* Cda.
II. » ascophorus: *Sphaeria comata* Tod.
In foliis putrescentibus graminearum, praecipue locis udis diu asservatis, in agro Patavino, frequens.

69. EUROTIUM Link

E. Herbariorum Link em. de Bary

Heufl. Crypt. Ven. 71.

I. Status conidiophorus: *Aspergillus glaucus* Lk.

II. » ascophorus: *Eurotium Herbariorum* Lk.

In substantiis organicis omnibus putrescentibus v. udis ubique; II. paulo rarius.

70. ZASMIDIUM Fr.

Z. cellare (Scop.) Fr.

Heufl. Crypt. Ven. 71.

In cellis vinariis ad ligna uda in toto agro Veneto.

71. PERISPORIUM Fr. p. p.

P. Typharum Sacc. (species nova).

Peritheciis sparsis, subsphaericis, subsuperficialibus, laevibus, atronitentibus, astomis, diam. $^1/_3$ mill., basi flocculis hyalinis paucis praeditis, contextu distincte parenchymatico, fuligineo; ascis oblongo-clavatis longe lenuiterque stipitatis, tunica crassa, 110 micr. longis, parte sporifera 60 - 22, stipite 50, 8sporis; sporidiis ante maturitatem 4-cellularibus oblongo-cylindraceis, articulis cito secedentibus e sphaerico angulosis, diam. 6 micr. brunneis, subopacis.

Ad folia dejecta putrescentia Typharum, quae jam ad storeas conficiendas usa sunt, Patavii, februario, rarius.

Obs. Affine Perisporio vulgari Cda et P. funiculato Preuss. a quibus differt praecipue ascis angustius clavatis et longius tenuiterque stipitatis et praeterea loco natali diverso.

Subordo 2. Ascosporeae Fuck.

72. ASCOSPORA Fr.

A. cruenta (Fr.) Str.

In foliis Convallariae multiflorae in sylva *Montello*, agri Tarvisini (Bérenger! Sacc.).

Subordo 3. Sphaeriaceae Fr. p. p.

A. *Simplices* Fr.

73. SPHAERELLA Ces. et DNtrs

S. Atomus (Desm.) Fuck.

In foliis dejectis Fagi sylvaticae *a Selva*, agri Tarvisini, aprili.

Obs. Sporidia hucusque non vidi.

S. acerina (Wallr.) Fuck.

I. Status spermogonicus: *Septoria Aceris* Berk. et Br.

II. » ascophorus: *Sphaeria acerina* Wallr.

In hypophyllo Aceris campestris in agro Tarvisino et Patavino.

S. punctiformis (Pers.) Fuck.

Heufl. Crypt. Ven. 71.

In hypophyllo Quercuum in agro Tarvisino, Patavino et Veronensi.

Obs. Asci oblongi, basi attenuati, 45-50 ⌣ 10, 8spori; sporidia disticha, hyalina, 2-locularia, loculo altero angustiore, 12 ⌣ 3 1/2.

S. carpinea (Fr.) Auersw.

Tab. nostra IX. f. 1-3.

In foliis dejectis Carpini Betuli Patavii, Tarvisii, vere.

Obs. Asci cylindraceo-oblongi, basi attenuati, 50 ⌣ 8, 8spori; sporidia oblongo-ellipsoidea, inaequilateralia, hyalina, multiguttulata, 15 ⌣ 5.

S. Buxi (Desm.) Fuck.

Tab. nostra IX. f. 4-7.

In foliis ramulisque junioribus dejectis Buxi sempervirentis *a Selva* agri Tarvisini.

Obs. Perithecii contextus circa ostiolum laxe parenchymaticus, ad basim anguste prosenchymaticus fimbriatusque; asci late clavato-obovati, 30 ∽ 11, 4-8spori; sporidia oblonga, hyalina 2guttulata, 15-18 ∽ 4-5.

S. aquilina (Fr.) Strss.

In frondibus dejectis Pteridis aquilinae in agro Tarvisino.

S. Vaginae (Lasch) Fuck.

In vaginis foliorum Phragmitis communis Patavii, aprili.

Obs. Ulterius inquirenda quia ascos nondum vidi.

S. Stellariae (Rabh. em.) Fuck.

Tab. nostra IX. f. 8-10.

I. Status conidiophorus: *Stysanus pallescens* Fuck.

II. » ascophorus: *Sphaeria Stellarinearum* Rabh.

In foliis emortuis Stellariae Holosteae in sylva *Montello* Agri Tarvisini, aprili.

Obs. Asci cylindracei brevissime stipitati, 50 ∽ 5, 8spori; sporidia oblique monosticha, v. recte disticha, ovoidea, bilocularia, 9-10 ∽ 4, loculo superiore angustiore, hyalina.

S. crastophila Sacc. (species nova) [a κράστις = gramen].

Tab. nostra IX. f. 11-14.

Peritheciis minutissimis, discretis, juxta nervos foliorum subparallele seriatis, depresso-conicis, atris, ostiolo minimo depresso; ascis sessilibus oblongis obclavatis, 50 ∽ 20, 8sporis; sporidiis fusiformibus, 14 ∽ 5, primo hyalinis 1-septatis, dein pallide fuscis 2-3-septatis.

In foliis Festucarum in agro Veronensi.

Obs. Proxima Sphaerellae recutitae (Fr.) Cooke, a qua differt sporidiis maturis fuscis 2-3-septatis, et ascis obclavatis.

S. Ophiopogonis Sacc. (species nova).

Tab. nostra IX. f. 18-21.

Peritheciis inter foliorum nervos parallele seriatis, punctiformibus, convexo-applanatis, epidermide primo tectis, dein

erumpentibus et ostiolo minuto hiantibus, atris; ascis oblongo-clavatis subsessilibus, 8sporis, 40 ~ 8; sporidiis distichis oblongo-fusiformibus utrinque obtusis, primo hyalinis 3-4-guttulatis, dein 3septatis, fuscis, rectis, 15-16 ~ 3-4.

In foliis dejectis putrescentibus Ophiopogonis japonici Patavii, januario.

Obs. A S. crastophila Sacc. peritheciis majoribus, ascis angustioribus, sporidiis utrinque obtusiusculis et loco natali differt.

S. lineolata (Rob.) DNtrs

Tab. nostra IX. f. 15-17.

In foliis Phragmitis communis amphigena, Patavii, aprili.

Obs. Asci oblongi, 50 ~ 12, utrinque rotundati, tunica crassa, 8spori; sporidia obovata, hyalina, bilocularia, 18 ~ 7, plurilocularia.

S. myriadea (DC.) Fuck.

In foliis Quercuum in agro Tarvisino (Bérenger!).

S. macularis (Fr.) Auersw. em. Fuck.

I. Status spermogonicus: *Depazea tremulicola* Fr.

II. » ascophorus: *Sphaeria macularis* Fr.

I. In foliis Populi tremulae *a Conegliano* (Bérenger!).

S. salicicola (Rabh.) Fuck.

I. Status spergomonicus: *Depazea salicicola* Fr.

II. » ascophorus: *Sphaeria salicicola* Rabh.

I. In foliis Salicis nigricantis prope *Follina* in agro Tarvisino (Bérenger!).

S. maculiformis (Pers.) Auersw. em. Fuck.

Heufl. Crypt. Ven. 71.

I. Status spermogonicus: *Septoria castaneicola* Desm.

II. » ascophorus: *Sphaeria maculiformis* Pers.

In foliis Castaneae vescae in collibus Tarvisinis et Veronensibus, frequens.

S. superflua (Auersw.) Fuck.

Tab. nostra IX. f. 23-25.

Status spermogonicus (Fuck.) et ascophorus noti.

In caulibus emortuis Urticae dioicae Patavii, et Lathyri sylvestris et Solani Dulcamarae in sylva *Montello* agri Tarvisini.

Obs. Asci cylindracei basi attenuati, 45 ~ 12, 8spori; sporidia disticha oblongo-ovata, bilocularia, loculo altero minore, 14 ~ 6; paraphyses nullae. Forma in Lathyro praebet ascos longiores et sporidia plerumque oblique monosticha, rarius disticha, nonnihil longiora, 16 ~ 6.

S. petiolicola (Desm.) Auersw.

Tab. nostra IX. 16-28.

In petiolis dejectis Robiniae Pseudacaciae *a Selva* agri Tarvisini, aprili, simul cum Phomate conidiis minutis ovatis hyalinis, 3 ~ 1 1/2.

Obs. Asci subclavati 40 ~ 6, 8spori; sporidia didyma hyalina, 10 ~ 3, loculo altero perparum minore. Sphaerella Pseudacaciae Auersw. multo major est omnibus partibus, sporidiisque alienis utitur.

74. SPHAERIA Hall. p. p.

S. Rusci Wallr.

Tab. nostra IX. f. 29-32.

I. Status spermogonicus Phomam referens: conidiis oblongis, 8-9 ~ 3 1/2, luteolis.

In cladodiis Rusci aculeati in sylvaticis Tarvisinis, Patavinis et Veronensibus, frequens.

Obs. Asci cylindraceo-clavati breve stipitati paraphysibus interdum bifidis obvallati, 60 ~ 10, 8spori; sporidia cylindracea 15-20 ~ 3 1/2-4, primo hyalina tandem luteola 6-locularia, ad septa subconstricta.

S. Hederae Sow? Sphaerella Hederae Cooke?

Tab. nostra IX. f. 33-36.

Peritheciis sparsis, punctiformibus, depressis, atris, sub-epidermicis; dein erumpentibus, ostiolo impresso minuto; ascis cylindraceo-clavatis, saepe infracto-curvis, 75 ~ 12, 8sporis, paraphysibus linearibus, parcis; sporidiis oblique monostichis, oblongo-fusiformibus, 20 ~ 5, 4-torulosis (an tandem 3-septatis?), pseudoloculo paenultimo crassiore, hyalinis, 4-guttulatis.

In pagina inferiore foliorum Hederae Helicis dejectorum putrescentium et Patavii, januario, raro.

S. fuscella Berk. et Br.

Tab. nostra IX. f. 37-46.

Sub hoc nomine comprehendo plures formas, forte pro speciebus distinctis in posterum habendas, peritheciis plus v. minus parvis, $^1/_5$-$^1/_2$ mill. diam., sphaeroideis, ostiolo parum v. non prominulo, nucleo primo albido, extus nigris, in cortice ramulorum nidulantibus et epidermide tectis, sparsis aggregatisque, stromate genuino nullo; ascis clavato-cylindraceis breve stipitatis, paraphysibus nucleolatis filiformibus, copiosis obvallatis, 8sporis, sporidiis distichis, primitus hyalinis, fusoideis 4-guttulatis, dein aeque hyalinis, 2-locularibus, loculis conoideis, medio constrictis, tandem 3-septatis, ad septa constrictis, saepe 4-guttulatis, fuscis. — Nisi ex eodem perithecio has sporidiorum mutationes gradusque simul vidissem, vix crediderim tantam evolutionis metamorphosim. Sporidia immatura mire simulant plurium specierum Diaprothes generis. Varietates sunt:

1. *Ribis aurei:* perithecia tandem crusta stromatica effusa fusca insidentia; asci angustiores; sporidia saepe curvula, 18 ~ 6. — Patavii, aprili. — F. 40 a-b.
2. *Viburni Lantanae* et *V. Opuli:* perithecia ut n. 1; asci crassiores, 80 ~ 18; sporidia saepe curvula, 18 ~ 4-5. — Tarvisii et Patavii. — F. 41 a-c.
3. *Gleditschiae Triacanthi:* sporidia 18-20 ~ 5. — Patavii, aprili.
4. *Pruni domesticae:* perithecia $^1/_4$-$^1/_5$ mill. diam., nucleo candido; asci crassiuscule clavati; sporidia 20-25 ~ 6. — Patavii, aprili. — F. 42 a-c.

S. superflua (Auersw.) Fuck.

Tab. nostra IX. f. 23-25.

Status spermogonicus (Fuck.) et ascophorus noti.

In caulibus emortuis Urticae dioicae Patavii, et Lathyri sylvestris et Solani Dulcamarae in sylva *Montello* agri Tarvisini.

Obs. Asci cylindracei basi attenuati, 45 ~ 12, 8spori; sporidia disticha oblongo-ovata, bilocularia, loculo altero minore, 14 ~ 6; paraphyses nullae. Forma in Lathyro praebet ascos longiores et sporidia plerumque oblique monosticha, rarius disticha, nonnihil longiora, 16 ~ 6.

S. petiolicola (Desm.) Auersw.

Tab. nostra IX. 16-28.

In petiolis dejectis Robiniae Pseudacaciae *a Selva* agri Tarvisini, aprili, simul cum Phomate conidiis minutis ovatis hyalinis, 3 ~ 1 1/2.

Obs. Asci subclavati 40 ~ 6, 8spori; sporidia didyma hyalina, 10 ~ 3, loculo altero perparum minore. Sphaerella Pseudacaciae Auersw. multo major est omnibus partibus, sporidiisque alienis utitur.

74. SPHAERIA Hall. p. p.

S. Rusci Wallr.

Tab. nostra IX. f. 29-32.

I. Status spermogonicus Phomam referens: conidiis oblongis, 8-9 ~ 3 1/2, luteolis.

In cladodiis Rusci aculeati in sylvaticis Tarvisinis, Patavinis et Veronensibus, frequens.

Obs. Asci cylindraceo-clavati breve stipitati paraphysibus interdum bifidis obvallati, 60 ~ 10, 8spori; sporidia cylindracea 15-20 ~ 3 1/2-4, primo hyalina tandem luteola 6-locularia, ad septa subconstricta.

S. Hederae Sow? Sphaerella Hederae Cooke?

Tab. nostra IX. f. 33-36.

Peritheciis sparsis, punctiformibus, depressis, atris, sub-epidermicis; dein erumpentibus, ostiolo impresso minuto; ascis cylindraceo-clavatis, saepe infracto-curvis, 75 ~ 12, 8sporis, paraphysibus linearibus, parcis; sporidiis oblique monostichis, oblongo-fusiformibus, 20 ~ 5, 4-torulosis (an tandem 3-septatis?), pseudoloculo paenultimo crassiore, hyalinis, 4-guttulatis.

In pagina inferiore foliorum Hederae Helicis dejectorum putrescentium et Patavii, januario, raro.

S. fuscella Berk. et Br.

Tab. nostra IX. f. 37-46.

Sub hoc nomine comprehendo plures formas, forte pro speciebus distinctis in posterum habendas, peritheciis plus v. minus parvis, $^1/_5$-$^1/_2$ mill. diam., sphaeroideis, ostiolo parum v. non prominulo, nucleo primo albido, extus nigris, in cortice ramulorum nidulantibus et epidermide tectis, sparsis aggregatisque, stromate genuino nullo; ascis clavato-cylindraceis breve stipitatis, paraphysibus nucleolatis filiformibus, copiosis obvallatis, 8sporis, sporidiis distichis, primitus hyalinis, fusoideis 4-guttulatis, dein aeque hyalinis, 2-locularibus, loculis conoideis, medio constrictis, tandem 3-septatis, ad septa constrictis, saepe 4-guttulatis, fuscis. — Nisi ex eodem perithecio has sporidiorum mutationes gradusque simul vidissem, vix crediderim tantam evolutionis metamorphosim. Sporidia immatura mire simulant plurium specierum Diaprothes generis. Varietates sunt:

1. *Ribis aurei:* perithecia tandem crusta stromatica effusa fusca insidentia; asci angustiores; sporidia saepe curvula, 18 ~ 6. — Patavii, aprili. — F. 40 a-b.
2. *Viburni Lantanae* et *V. Opuli:* perithecia ut n. 1; asci crassiores, 80 ~ 18; sporidia saepe curvula, 18 ~ 4-5. — Tarvisii et Patavii. — F. 41 a-c.
3. *Gleditschiae Triacanthi:* sporidia 18-20 ~ 5. — Patavii, aprili.
4. *Pruni domesticae:* perithecia $^1/_4$-$^1/_5$ mill. diam., nucleo candido; asci crassiuscule clavati; sporidia 20-25 ~ 6. — Patavii, aprili. — F. 42 a-c.

5. *Rubi fruticosi:* perithecia ut n. 4; asci idem; sporidia matura intensius fusca 20 ~ 6-7. — Patavii et Tarvisii. — F. 37-38.
6. *Persicae vulgaris:* perithecia paulo majora, nucleo albo, asci similes, sporidia latiora, 22 ~ 8. — Patavii, februario. — F. 44.
7. *Crataegi Oxyacanthae:* peritecia et asci ut n. 6; sporidia 25 ~ 7. — In agro Tarvisino, aprili. — F. 45.
8. *Salicis vitellinae:* perithecia ut n. 4; asci 90 ~ 10; sporidia 24 ~ 5. — *A Selva* in agro Tarvisino, aprili. — F. 46.
9. *Syringae vulgaris:* perithecia ut n. 6, asci 90 ~ 12; sporidia 26 ~ 7-8. — Patavii et Tarvisii. — F. 39.
10. *Carpini Betuli:* perithecia ut n. 7; asci 80 ~ 10; sporidia 20 ~ 5. — Patavii, martio. — F. 43.

S. Coniothyrium Fuck.

Tab. nostra IX. f. 47-49.

In ramis emortuis Rubi fruticosi, Patavii, martio, cum pycnidiis.

Obs. Asci sublineares, 8spori, sporidia oblique monosticha oblonga, 3-septata, ad septa tandem constricta, saepe curvula, fusca. Conidia copiosissima, sphaeroidea, fusca, diam. 3 micr.

Mihi adhuc ignotae sunt species Massalongianae sequentes:

S. Apotheciorum Mass.

— Mass. Auton. Lich. Crost. 26, f. 41.

In apotheciis Lecanorae, Parmeliae aliorumque lichenum in agro Veronensi (Mass. l. c.).

Obs. Verisimiliter eadem species ac S. epicymatia Wallr. seu Epicymatia vulgaris Fuck.

S. Lichenis sordidi Mass.

— Mass. Auton. Lich. crost. 4, f. 6.

In apotheciis Lecanorae rimosae var. grumosae in montanis Veronensibus (Mass. l. c.).

Obs. Probabiliter e genere Epicymatiae Fuck.

S. Lichenopsis Mass.

— Mass. in Flora 1856, 242, tab. III. f. 6-7.

Ad truncos juniores vigentes Cerasorum in agro Veneto.

Obs. Videtur Massariae species.

S. Psoromatis Mass.

— Mass. l. c. 241 tab. III. f. 13.

Ad thallum Psoromatis crassi hinc inde in agro Veronensi.

Obs. Videretur Epicymatiae apecies.

S. Variolariae Mass.

— Mass. l. c. 241 tab. III. f. 10-11.

Ad thallum Psoromatis communis *a Scorgnano* agri Veronensis.

Obs. Videretur analoga *Sphaeriae ventosariae*, sed certe diversa.

S. Veronensis Mass.

— Mass. l. c. 241 tab. III. f. 12.

Ad truncos emarcidos Juglandis regiae *a Vestrengo* in agro Veronensi.

Obs. Quum Auctor asserat se nec ascos nec paraphyses vidisse, forte Diplodiae species est e. g. Diplodia Juglandis Fuck., quae est status pycnidicus Cucurbitariae Juglandis Fuck.

S. Massalongi Mont. — S. rhamphospora Mass.

Ad truncos emarcidos Amygdali communis in agro Veronensi circa *Tregnago* (Mass. l. c. 241, f. 8-9).

Obs. Species ob sporidia caudato-pyriformia, 3-septata, fuscidula cum cauda pellucida, maxime insignis, sed a me nondum lecta.

75. SPOLVERINIA Mass.

S. Punctum Mass.

Heufl. Crypt. Ven. 72.

In rupibus agri Veronensis (Mass. Sched. crit. 51) et Bassanensis (Beltr. Lich. Bass. 289).

76. TICHOTHECIUM Mass.

T. erraticum Mass.

Heufl. Crypt. Ven. 72.

In thallo Lecanorae chalybeae *a Castagnè* in agro Veronensi (Mass. Neag. 9).

77. GNOMONIA Ces. et DNtrs p. p.

G. fimbriata (Pers.) Auersw.

I. Status pycnidicus: *Gloeosporium Carpini* Desm.

II. » ascophorus: *Sphaeria fimbriata* Pers.

In foliis Carpini Betuli in agro Tarvisino, frequens.

G. Coryli (Batsch) Auersw.

I. Status pycnidicus: *Leptothyrium Coryli* Fuck.

II. » ascophorus: *Sphaeria Coryli* Batsch

In foliis Coryli Avellanae in montanis prope *Miane* agri Tarvisini (Bérenger!).

G. tubiformis (Tode) Auersw.

I. Status pycnidicus: *Dothidea alnea* Fr.

II. » ascophorus: *Sphaeria tubiformis* Tode

I. In foliis Alni glutinosae *a Cisòn* agri Tarvisini (Bérenger!).

G. inclinata (Desm.) Auersw.

Tab. nostra X. f. 1.

In foliis Aceris platanoidis dejectis prope Patavium, martio.

Obs. Sporidia linearia hyalina, 4-guttulata, utrinque in setulam longissimam abeuntia.

G. setacea (Pers.) DNtrs

Tab. nostra X. f. 2.

I. Status pycnidicus: *Discosia clypeata* DNtrs

II. » ascophorus: *Sphaeria setacea* Pers.

In foliis Quercuum et Castanearum in sylva *Montello* et *a Vittorio* agri Tarvisini, hieme et autumno.

Obs. Sporidia fusiformi-linearia, hyalina, 4-guttulata, utrinque in setulam brevem abeuntia, 15 ~ 1 1/2. Asci longe stipitati, clavati, pars sporifera 40 ~ 9.

78. LINOSPORA Fuck.

L. Capraeae (DC.) Fuck.
Heufl. Crypt. Ven. 72.
In foliis Salicis Capraeae in agro Veronensi (Poll. Ver. III. 752 sub Xylom. saligno).

79. RHAPHIDOPHORA Fr. (sub Rhaphidospora).

R. Hesperidis Sacc. (species nova).
Tab. nostra X. f. 3-6.
I. Status spermogonicus Phomam referens: peritheciis fere ut in II; spermatiis oblongo-ellipsoideis, hyalinis, 7 ~ 3.
II. Status ascophorus: Peritheciis sparsis, minutis 1/5 mill. diam., epidermide absconditis, ostiolis acute conicis exertis; ascis anguste cylindricis, 150 ~ 4-5, subsessilibus, tortuosis, paraphysibus filiformibus multo brevioribus obvallatis, 8sporis; sporidiis filiformibus tenuissimis, 140 ~ 1, e hyalino luteolis, continuis.
In caule ramisque exsiccatis Hesperidis matronalis *a Selva* agri Tarvisini, aprili.
Obs. Affinis *R. Urticae* Rabh., a qua differt ascis sporidiisque longioribus et angustioribus atque peritheciis minoribus.

R. rubella (Pers.) Fuck.
In caulibus exsiccatis Solani, Petrosolini aliarumque herbarum in agro Patavino et Tarvisino, aprili.
Obs. Asci cylindracei, 120 ~ 5; sporidia 8 asci longitudine, 1 1/2 crassa, crebre septulata, luteola. Perithecia macula diffusa purpurea insidentia, ostiolo modice prominulo.

R. rudis (Riess.) Fuck.
In caulibus dejectis Medicaginis sativae, Patavii, aprili.

Obs. Asci cylindraceo-subclavati, 110 ~ 6; sporidia asci longitudine crebre septulata, luteola, filiformia. Peritheciorum ostiola alte prominula, acute conica.

R. Bardanae (Wallr.) Fuck.

In caulibus Lappae minoris, Patavii, martio.

R. Xanthii (Lasch) Ces. et DNtrs

In caulibus emortuis Xanthiorum, Patavii, aprili.

R. Vitalbae Sacc. (species nova).

Tab. nostra X. f. 7-9.

Peritheciis sparsis, atris e sphaerico depressis, diam. 1/3 mill., epidermide fere absconditis, ostiolo cylindraceo prominulo; ascis crasse cylindraceis, 115 ~ 11, basi attenuato-substipitatis, 8sporis; paraphysibus filiformibus obvallatis; sporidiis maturis semicirculariter arcuatis, hyalinis, cylindraceis, 80-90 ~ 3 1/2, utrinque rotundatis, 20-22-locularibus, loculo intermedio crassiore subrotundo.

In caulibus languentibus Clematidis Vitalbae in sylva *Montello,* agri Tarvisini, raro, aprili.

Obs. Affinis R. Carduorum (Wallr.) Tul. et R. ulnasporae Cook. sed fabrica sporidiorum ab utraque distincta.

80. PLEOSPORA Rabh.

P. herbarum (Pers.) Rabh.

Tab. nostra X. f. 12-14.

I. Status conidiophorus: *Cladosporium herbarum* Lk.
II. » macroconidicus: *Macrosporium commune* Rabh.
III. » pycnidicus: *Phoma herbarum* Westd.
IV. » ascophorus: *Sphaeria herbarum* Pers.

In caulibus exsiccatis plantarum herbacearum in omni statu vulgatissima.

Obs. Asci et sporidia forma et dimensione valde variabilia. In caulibus Petroselini (f. 14) et Calaminthae Nepetae asci cylindracei, 100 ~ 12, sporidia parva, 20 ~ 9, ovato-oblonga, 5-septata, ad septa constricta, flava, submonosticha

reperiuntur. Asci vero in caeteris speciminibus a me visis late clavati sunt et variant 80-160 ~ 18-30. In Dioscorea, Pimpinella et Dauco sporidia maxima vidi, i. e. 40 ~ 20; in Zea 36 ~ 16; (f. 12) in Iride 34 ~ 15-18 (f. 13); in Phaseolo, Galio aliisque 30 ~ 15. Color sporidiorum amoene flavus tandem fuscidulus evadit; septa transversa 6-7-8, sed 7 saepius; longitudinalia numero variabilissima.

P. Dianthi DNtrs em. Fuck.

Tab. nostra X. f. 10.

I. Status spermogonicus: *Ascochyta Dianthi* Lasch.

In caulibus emortuis Dianthi Caryophylli, Patavii, martio.

Obs. Sporidia ovato-oblonga, subpandurata, 7-septato-muriformia, flava, loculis guttulatis, 35 ~ 16.

P. calvescens (Fr.) Tul.

I. Status conidiophorus: *Dendriphium comosum* Wallr.
II. » pycnidicus notus (Fuck.).
III. » ascophorus: *Sphaeria calvescens* Fr.

I. In caulibus herbaceis putrescentibus Patavii, januario.

P. infectoria Fuck.

Tab. nostra X. f. 11.

Ad folia Typharum dejecta, uda Patavii, martio, atque in culmis putrescentibus Triticorum Patavii et Tarvisii, aprili.

Obs. Sporidia ellipsoidea, flava, 20-24 ~ 12, plerumque 5-septata, septis 2 longitudinalibus, monosticha; asci cylindrici.

81. LEPTOSPHAERIA Ces. et DNtrs

L. Doliolum (Pers.) Ces. et DNtrs

I. Status conidiophorus: *Sporocybe byssoides* (Pers.) Fr.
II. » stylosporus: *Sphaeria suffulta* Nees
III. » ascophorus: *Sphaeria Doliolum* Pers.

— β *conoidea* DNtrs Micr. ital. Dec. IX. f. XIV.

In caulibus herbaceis emortuis Clematidis Vitalbae, Dulcamarae, Urticae, in agro Tarvisino; var. β in caulibus umbelliferarum majorum in agro Tarvisino (Bérenger!).

L. Sambuci Sacc. (species nova).

Tab. nostra X. f. 15-18.

Peritheciis sparsis, sub epidermide nidulantibus, depresso-hemisphaericis, diam. 1/2, papillulatis, atris, ima basi filamentis intricatis brunneis cinctis; ascis cylindraceo-clavatis, subsessilibus, 125 ~ 17, 8sporis, paraphysibus linearibus copiosis; sporidiis oblongo-fusiformibus, 32 ~ 8 1/2, utrinque acutiusculis, curvulis, initio hyalinis 4-6-guttulatis, dein constricte 5-septatis, 6-guttulatis, fuscescenti-luteolis.

Sub epidermide ramulorum hornotinorum Sambuci nigrae, Patavii, parce, martio.

L. Achilleae (Auersw.) Ces. et DNtrs

Tab. nostra X. f. 19. a-b.

In caulibus exsiccatis Achilleae Millefolii circa Patavium, martio.

Obs. Asci clavato-cylindracei, 100 ~ 14, 8spori, paraphysibus filiformibus obvallati; sporidia oblongo-fusiformia, curvula, 30 ~ 7-8, initio luteola, guttulata, dein 5-septata, brunnea, utrinque appendicula hyalina minima aucta.

L. Galiorum (Rob.) Ces. DNtrs

Tab. nostra X. f. 20-21.

In caulibus dejectis Galii sylvatici in sylva *Montello,* agri Tarvisini, aprili.

Obs. Asci clavati, stipitati, 90 ~ 12, 8spori; sporidia oblique monosticha, oblongo-ovata, saepe curvula, initio luteola, guttulata, dein 3-septata, brunnea, opaca, 20-22 ~ 6-7, ad septa non vel perparum constricta.

L. Galiicola Sacc. (species nova).

Tab. nostra X. f. 22-23.

Peritheciis, subepidermicis, depresso-conoideis, papillatis, diam. 1/3 mill., atris; ascis cylindricis brevissime stipitatis, 80 ~ 5-6, 8sporis, paraphysibus parcis obvallatis; sporidiis recte monostichis, oblongo-ovatis, 20-22 ~ 6-8, rectis, initio luteolis, guttulatis, constricto-didymis, dein 3-septatis, ad septa constrictis, brunneis.

Ad caules dejectos putrescentes Galii Mollúginis, Patavii, rarius, Aprili.

L. acuta (Moug. Nest. em.) Fuck.

Tab. nostra X. f. 24.

I. Status conidiophorus: *Torula expansa* Pers.

II. » ascophorus: *Sphaeria acuta* M. N.

In ramulis novellis Solani Dulcamarae in sylva *Montello*, agri Tarvisini, aprili.

Obs. In speciminibus non perfecte maturis a me examinatis asci sunt cylindracei 150 ~ 12; sporidia elongato-fusiformia, 42 ~ 6, initio hyalina constricto-1-septata, plurigut-tulata, dein luteola, 9-10-guttulata, utrinque obtusiuncula leniter curvula.

Binas species huic affines in petiolis Robiniae Pseudoacaciae Tarvisii et in caulibus dejectis Medicaginis sativae Patavii, unicis speciminibus imperfecte examinavi. Sequuntur:

L. petiolicola Sacc. (species nova).

Tab. nostra X. f. 37-38.

Perithiciis minutissimis, plerumque spermatia ellipsoidea, 9 ~ 3 1/2 hyalina, 2-guttulata foventibus; ascophoris, ascis cylindraceis, 8sporis; sporidiis distichis, cylindraceo-fusiformibus, 9-10-locularibus, luteolis 9-guttulatis, curvulis, 45 ~ 4.

In petiolis *Robiniae Pseudacaciae*, Tarvisii, autumno.

L. Medicaginis Sacc. (species nova).

Tab. nostra X. f. 35-36.

Peritheciis minutis, plerumque spermatia ellipsoidea, hyalina, 4 ~ 3 foventibus; ascophoris, ascis cylindraceis, 70 ~ 9, sporidiis distichis, cylindraceis, rectiusculis, 25 ~ 4, luteolis, 6-locularibus, 6-guttulatis.

L. lathyrina Sacc. (species nova).

Tab. nostra X. f. 25-27.

Periteciis sparsis, subepidermicis, conicis, acute papillatis, atris, diam. 1/3 mill.; ascis cylindraceis, 100 ~ 8, basi attenuatis,

paraphysibus filiformibus obvallatis, 8sporis; sporidiis distichis cylindraceo-subfusiformibus, utrinque obtusiusculis, curvatis, 40 ~ 4, initio 2-septatis, hyalinis, pluriguttulatis, dein luteolis, 4-septatis, ad septa non constrictis.

In caulibus emortuis Lathyri latifolii *a Selva,* agri Tarvisini, aprili.

Obs. Affinis Pleosporae Endiusae Fuck., a qua differt sporidiis longioribus, ad septa non constrictis; ascis angustioribus.

L. Lathyri Sacc. (species nova).

Tab. nostra X. f. 28-30.

Perithecciis hemisphaericis minutis, 1/6 mill. diam., ostiolo non prominulo, sub epidermide nidulantibus, atris; ascis cylindraceo-clavatis, 80 ~ 8, paraphysibus filiformibus obvallatis, 8sporis; sporidiis oblique monostichis, fusiformibus, 30 ~ 4, 4-locularibus, loculo paenultimo turgidiore, hyalinis.

In caule emortuo dejecto Lathyri sylvestris in sylva *Montello,* obsevavi pauca specimina.

Obs. Donec plura specimina perfecte evoluta reperiam inter dubias species rejicio.

L. Parietariae Sacc. (species nova).

Tab. nostra X. f. 32-34.

Perithecciis sparsis, minutissimis, diam. 1/8 mill., conico-depressis, atris, epidermidem tandem erumpentibus; ascis cylindraceo-clavatis, breviter stipitatis, 60-70 ~ 8, paraphysibus linearibus obvallatis, 8sporis; sporidiis elongato-fusiformibus, utrinque attenuatis, rectis, curvulisve, 4-locularibus, 28 ~ 4, 3-septatis, loculo paenultimo protuberanti, flavis.

In caule putrescente Parietariae officinalis Patavii, martio, raro.

L. Typharum (Fuck.) Sacc.

Status pycnidicus (Fuck.) et ascophorus noti.

In foliis putrescentibus Typhae latifoliae *a Mestre,* in agro Venetiarum, aprili.

Obs. Sporidia oblonga utrinque obtusa, 3-septata, ad septum medium constricta, flava, denique fuscidula, 32 ~ 10.

L. arundinacea (Sow. em.) Sacc.

I. Status conidiophorus: *Melanconium sphaerospermum* Lk.
II. » spermogonicus et III pycnidicus quoque noti (Fuck. Sacc.).
III. » ascophorus: *Sphaeria arundinacea* Sow.

In culmis dejectis Phragmitis communis Patavii, martio.

L. donacina Sacc. (species nova).

Tab. nostra X. f. 29-42.

I. Status conidicus:? *Papularia arundinacea* Fr.
II. » spermogonicus: peritheciis quam ascophoris minoribus, spermatiis breve lanceolatis, 1-septatis, fuscescenti-luteolis, 10 ~ 4.
III. » ascophorus: peritheciis sparsis, hemisphaericis v. ellipsoideis, papillulatis, nigris, diam. 1/4 mill.; ascis cylindraceo-sub-clavatis, breve crasseque stipitatis, 100 ~ 12, 8sporis, paraphysibus filiformibus copiosis obvallatis; sporidiis, oblique monostichis v. subdistichis, cylindraceo-fusiformibus, 28 ~ 6, saepe curvulis, utrinque obtusiusculis, initio 3-guttulatis hyalinis, dein fusco-luteolis, 3-septatis, ad septa leniter constrictis.

In culmis emortuis putrescentibus Arundinis Donacis, promiscua I, II et III, Patavii, vere.

L. culmifraga (Fr.) Ces. DNtrs

Tab. nostra X. f. 31.

I. Status conidiophorus: *Gymnosporium rhizophilum* Preuss.
II. » ascophorus: *Sphaeria culmifraga* Fr.

In culmis dejectis graminearum majorum in agro Tarvisino et Patavino, frequens, vere.

Obs. Asci cylindracei, basi attenuati, 80 ~ 11, 8spori; sporidia oblique monosticha cylindraceo-fusiformia, curvula, 32-34 ~ 5-6, initio hyalina, guttulata, dein luteola, 5-6-septata, loculo intermedio paulo crassiore.

82. FUMAGO Tul.

F. salicina (Mont. em.) Tul.

I. Status conidiophorus: *Cladosporium Fumago* Lk.

II. » ascophorus: *Capnodium salicinum* Mont.

I. In foliis variarum Salicum in agro Tarvisino et Patavino.

83. LEPTOSPORA Rabh. em. Fuck.

L. spermoides (Hoffm.) Fuck.

In truncis putrescentibus in sylva *Cansiglio* (Bérenger!).

L. crinita (Pers.) Fuck.

Ad ligna faginea putredine confecta, mollia, in sylva *Cansiglio* (Bérenger!).

Obs. Sporidia nondum vidi; species igitur ulterius inquirenda.

84. TRICHOSPHAERIA Fuck.

T. erythrella (Wallr. em.) Fuck.

I. Status conidiophorus (melius macroconidicus): *Acrostalagmus cinnabarinus* Cda.

II. » ascophorus: *Sphaeria erythrella* Wallr.

I. Ad stipitem languenteru Lataniae chinensis in Horto botanico Patavino, autumno.

85. ROSELLINIA Ces. et DNtrs

R. Aquila (Fr. em.) DNtrs

— α *vulgaris* Fuck.

I. Status conidiophorus: *Sporotrichum fuscum* Lk. Adsunt macroconidia sphaeroidea, 18 - 20, breve hyalino-pedicellata, brunnea, 3-septato-muriformia.

— β *byssiseda* (Tode) Fuck.

— γ *glabrata* Fuck.

In lignis et ramis emortuis. — α Rubi et Cydoniae *a Selva*, — β in Robinia *a Selva*, in Gleditschia Patavii; — γ in lignis denudatis Patavii et *Vittorio*.

Obs. Sporidia oblique fusiformia, utrinque acuminata, mutica v. appendicula minima hyalina aucta, 16-22 ~ 6, primo lutescenti-viridula, 1-2-guttulata, dein atro-brunnea opaca.

R. pulveracea (Ehrh.) Fuck.

Tab. nostra X. f. 43-44.

I. Status pycnidicus *Sphaeria myriocarpa* Fr. sec. Fuck.

II. » ascophorus: *S. pulveracea* Ehrh.

In lignis denudatis Pyri *a Selva* agri Tarvisini, aprili.

Obs. Asci cylindracei, 70-80 ~ 10, basi attenuati, 8spori; sporidia ovato-subglobosa, 10 ~ 8, primo lutescenti-viridula, dein brunnea, guttulata.

R. Pseudo-Bombarda Sacc. (species nova).

Tab. nostra X. f. 45-47.

Peritheciis gregariis, superficialibus, ellipsoideis, $^1/_2$ mill. altis, $^1/_3$ crassis, in ostiolum conico-prominulum sensim desinentibus, atris, nitidulis; ascis anguste cylindraceis, substipitatis, 80-85 ~ 5, pseudo-paraphysibus filiformibus guttulatis obvallatis, 8sporis; sporidiis oblique monostichis fusoideis, curvulis, 15-16 ~ 4, lutescenti-fuscis, 2-3-guttulatis.

In ligno denudato, fracido quercino *a Selva* agri Tarvisini, aprili, rarius.

Obs. Perithecia ellipsoidea, interdum obliquata Bombardiam in mentem revocant.

86. MASSARIA DNtrs

M. inquinans (Tode) DNtrs

Tab. nostra X. f. 52-53.

In ramis putrescentibus Aceris campestris in agro Tarvisino et Patavino, copiose, vere.

Obs. Sporidia e maximis, ovato-fusoidea, 100 ~ 20, matura obscure fuliginea, 3-septata, loculis polaribus multo longioribus, 2-guttulatis, intermediis 1-guttulatis, strato gelatinoso hyalino obvoluta.

M. Ulmi Fuck.

Tab. nostra X. f. 54-55.

In cortice ramulorum Ulmi campestris Patavii, martio.

Obs. Affinis praecedenti, sed perithecia duplo minora, sporidia similia sed 65 ~ 16-18.

M. Carpini Fuck.

In cortice ramulorum Carpini Betuli, Patavii, martio, raro.

Obs. Sporidia magna, oblongo-ovata, 60 ~ 22, didyma, loculo altero crassiore, luteola, obscure plurilocularia et plurinucleata, tegumento gelatinoso hyalino obvoluta.

87. LOPHIOSTOMA Ces. et DNtrs

L. Balsamianum DNtrs

Tab. nostra X. f. 48-51.

Ad cortices duriores Populi nigrae *a Conegliano* agri Tarvisini (Bérenger!).

Obs. Sporidia fusoidea, inaequilateralia, 55 ~ 18, 7-septata, utrinque septo spurio loculoque pellucido aucta, caeterum fusca.

L. angustilabrum Berk. et Br.

Tab. nostra XI. f. 1-4.

In ramulis dejectis Genistarum in sylva *Montello* agri Tarvisini, aprili, raro.

Obs. Asci cylindraceo-clavati, breve stipitati, 8spori; sporidia disticha, breve fusiformia, 28 ~ 8, curvata, primo subdidyma, hyalina, guttulata, dein 4-5-septata, septo unico longitudinali, brunnea, utrinque plerumque hyalino-appendiculata.

L. auctum Sacc. (species nova).

Tab. nostra XI. f. 5-10.

Peritheciis sparsis ligno semimmersis, sphaeroideis, $^1/_3$-$^1/_2$ mill. diam. ostiolo angusto, compresso, prominente, atris; ascis clavatis, stipitatis, 90-100 ~ 16, 8sporis, paraphysibus filiformibus obvallatis; sporidiis distichis fusiformibus,

curvulis, 40 ~ 8, 7-8-locularibus, ad septa profunde constrictis, 6-8guttulatis, luteolis, utrinque (praecipue in junioribus) appendice lineari, obtusa, hyalina 8-10 micr. longa, auctis.

In ramulo dejecto putrescente Alni glutinosae Patavii, raro, martio.

L. alpigenum Fuck. forma Lonicerae sempervirentis sacc VII 686/26

Tab. nostra XI. f. 11-14.

In trunco Lonicerae sempervirentis in hortis *a Selva*, agri Tarvisini, aprili.

Obs. Asci breve stipitati, subclavati, 130 ~ 15, paraphysibus filiformibus obvallati, 8spori; sporidia oblongo-fusiformia, curvula, utrinque obtusiuscula, 45-50 ~ 8, 10-septata, ad septa constricta, hyalina. Peritheciis minoribus, sporidiis longioribus, 11-locularibus, hyalinis a praecedente differt.

L. praemorsum (Lasch) Fuck.

In ramis emortuis Rubi fruticosi, Patavii, martio.

Obs. Sporidia fusiformia, curvata, 30 ~ 5 ½, hyalina, initio pluriguttulata, dein 4-5-septata, ad septum medium subconstricta.

L. Nucula (Fr.) Fuck.

In cortice duriore Salicum annosarum, Patavii, aprili, raro.

Obs. Sporidia oblongo-fusiformia, 24-30 ~ 10, utrinque obtusiuscula, hyalina, primo constricto-didyma, 4guttulata, dein 3-septata.

L. semiliberum (Desm.) Ces. et DNtrs

In culmis dejectis Triticorum Patavii, martio, rarius.

Obs. Asci longiuscule stipitati, 100 ~ 12, 8spori, paraphysibus filiformibus copiosissimis obvallati; sporidia fusiformia, curvula, primitus bilocularia, hyalina 4-6-guttulata, dein 4-locularia pallide luteola, 35-40 ~ 6.

88. AMPHISPHAERIA Ces. et DNtrs

A. umbrina (Fr.) DNtrs

Tab. nostra XI. f. 15-17.

In cortice duriore Salicum annosarum Patavii, aprili.

Obs. Perithecia convexo-applanata, diam. 1. mill.., ostiolo papillulato, umbrina. Asci cylindrici, 115 - 7, paraphysibus filiformibus obvallati, 8spori; sporidia ovato-fusoidea, oblique monosticha, 22 - 6, initio hyalina binucleata, dein fuliginea 1-septata.

A. pseudoumbrina Sacc. (species nova).

Tab. nostra XI. f. 18-20 a-b.

Peritheciis praecedentis; ascis cylindraceis, 90 - 7, paraphysibus filiformibus saepe nucleiferis obvallatis, 8sporis; sporidiis ellipsoideis 16-18 - 6-7, recte monostichis, initio lutescenti-hyalinis binucleatis, dein fulgineis, 1-septatis.

In cortice duriore Aceris campestris Patavii, martio.

Obs. Ab A. Petrucciana (Cald.) Ces. et DNtrs peritheciis magis complanatis sporidiisque coloratis differt.

A. foeda DNtrs

DNtrs Sfer. ital. 71, fig. 75.

Tab. nostra XI. f. 21-23.

In palis salicinis cariosis in agro Tarvisino.

Obs. Perithecia inaequali-gibba. Asci crasse cylindracei, 80 - 8, 8spori, paraphysibus filiformibus obvallati; sporidia sparsa, disticha v. monosticha, obscure fuliginea, ovato-subclavata, bilocularia, loculo altero angustiore, utrinque subtruncata, 12-15 - 5 1/2-6.

A. papillata (Schum.) DNtrs

DNtrs, Sfer. ital. 68, f. 71.

Tab. nostra XI. f. 24.

In ligno saligno carioso in agro Tarvisino (Bérenger! DNtrs).

Obs. Sporidia ellipsoidea utrinque acutiuscula, 15 - 8, 1-septata opace fuliginea.

A. Xylostei (Pers.) DNtrs

Tab. nostra XI. f. 25.

In truncis emortuis putrescentibus Lonicerae Xylostei in sylva *Montello* agri Tarvisini, aprili.

Obs. Sporidia late ellispoidea, 18 ~ 10, fuliginea, primo multiguttulata, dein obscure 1-septata.

A. culmicola Sacc. (species nova).

Tab. nostra XI. f. 26-29.

Peritheciis sparsis conoideis, 1/4 mill. diam., ostiolo acutiusculo, atris, epidermide nigrificata insidentibus; ascis clavato-cylindraceis, subsessilibus, 90 ~ 20, paraphysibus filiformibus ramosis obvallatis, 8sporis; sporidiis ovatis, didymis, medio constrictis, polis obtusiusculis, 24-26 ~ 9-10, initio hyalinis 2-magniguttulatis, dein fuscis, 2-4-guttulatis.

Ad basim culmorum emortuorum Cynodontis Dactyli Patavii, martio.

A. Lonicerae Sacc. (species nova).

Tab. nostra XI. f. 30-32.

Peritheciis sparsis sub cortice dejecto nidulantibus, e sphaerico depressis, 1/4 mill. diam., ostiolo non prominulo, atris; ascis cylindricis basi attenuatis, 188 ~ 8, paraphysibus filiformibus obvallatis, 8sporis; sporidiis recte monostichis, ellipsoideis, constricto-didymis, utrinque acutiusculis 12-14 ~ 6 1/2, septo medio evidentissimo, fuligineis.

Sub cortice dejecto trunci Lonicerae sempervirentis emortui *a Selva,* agri Tarvisini, aprili, raro.

Obs. Fabricâ sporidiorum ab A. Xylostei et A. alpigena Fuck. bene distincta.

89. MELANOMMA Nke

M. Pulvis pyrius (Pers.) Fuck.

Tab. nostra XI. f. 37-38.

In ligno denudato Coryli, Ulmi, Fagi in agro Tarvisino et Patavino, hieme et vere.

Obs. Asci cylindracei, breve crasseque stipitati, 100 ~ 9, 8spori; sporidia oblonga, interdum breve fusoidea, luteola v. fuliginea, 3-septata, ad septa constricta, quandoque 4-septata, cum septo uno alterove longitudinali, 16-20 ~ 4 1/2 - 5 1/2.

M. Catillus Sacc. (species nova).

Tab. nostra XI. f. 39-42.

Peritheciis gregariis, subsuperficialibus, sphaeroideis, diam. 1/3-1/2 mill., atris, rugulosis, ostiolo acute conoideo, tandem collabescendo depresso-cupuliformibus; ascis copiosissimis cylindraceis longe tenuiterque stipitatis (parte sporif. 80 ~ 7, stipite 40 long.) apice truncato-lobulatis, paraphysibus filiformibus parcis obvallatis, 8sporis; sporidiis oblique monostichis, ovatis, 12-15 ~ 5, solito 3-septatis, rarius 2-v. 4-septatis, septo medio (e duobus coalitis) crassiore, ad septa numquam constrictis, obscure fuligineis, tandem fere opacis.

Obs. Perithecia contextu indistincto molliuscula, quare in catilli formam facile collabescunt. Ob quem characterem, praeteraque ob ascos apice truncato-lobulatos, longissimeque stipitatos species haec singularis genus proprium constituere forte meretur.

In ligno corrupto molli fagineo in sylva *Cansiglio,* ubi legit Cl. de Bérenger, qui cum M. Pulvere pyrio commiscuit.

M. Pulviscula (Curr. sub Sphaeria?) Sacc.

Tab. nostra XI. 33-36.

In ligno denudato exarido carpineo v. ulmeo, Patavii, martio.

Obs. Perithecia sparsa subsuperficialia minutissima 1/5-1/4 mill. diam. hemisphaerico-conoidea, papillulata, nigra; asci cylindracei basi attenuati, 7 ~ 8, paraphysibus filiformibus obvallati, 8spori; sporidia disticha, fusoidea, saepe leniter curvula, 18-20 ~ 4, byalina, dein 1-septata, loculis 1-2-guttulatis. Cellulae perithecii carbonaceae, indistinctae.

90. BOMBARDIA Fr.

B. fasciculata Fr. — Sphaeria Bombarda Batsch

In ligno fagineo fracido in sylva *Cansiglio* (Bérenger!).

Obs. Asci longissime stipitati, 8spori; sporidia bacillaria, tortuosa, byalina, 44 ~ 4.

B. *Compositae* Fr.

91. HELMINTHOSPHAERIA Fuck.

H. Clavariae (Desm.) Fuck.

Tab. nostra XI. f. 43-44.

Status conidiophorus et ascophorus in eodem fungo.

In Clavaria cristata languente in sylva *Montello,* rarius, autumno.

Obs. Perithecia pilis conidiophoris, obsita: conidia didyma, oblonga, 15-20 ~ 8, loculis saepe inaequalibus, guttulatis, fuliginea. Asci cylindrici subsessiles, 60 ~ 5 1/2, paraphysibus linearibus brevibus, parcis, obvallati, 8spori; sporidia oblique monosticha, ovata subfusoidea, 11 ~ 5 1/2, fuliginea, continua, guttulata.

92. COELOSPHAERIA Sacc. (1)

(Nitschkia Otth. in Fuck. Symb. 165).

C. Fuckelii (Nke) Sacc.

Sphaeria cupularis Auct. p. p.

Tab. nostra XII. f. 1-2.

In ramis Gleditschiae Triacanthi Patavii, raro, martio.

Obs. Perithecia in acervulos subhemisphaericos aggregata, subglobosa, rugulosa, atra, dein collabescendo exsquisite cupuliformia. Asci cylindraceo-clavati, breviter stipitati, 40 ~ 9, paraphysibus filiformibus obvallati, 8spori; sporidia disticha, valsea, cylindracea, curvata, hyalina quoque polo 1-guttulata, 9-10 ~ 3.

93. FRACCHIAEA Sacc. (nov. gen.) (2)

Characteres Caelosphaeriae sed asci polyspori.

F. heterogenea Sacc. (species nova).

Tab. nostra XII. f. 3-7.

(1) A κοῖλος = concavus, quia perithecia dein cupuliformia evadunt. Nomen generis naturalissimi mutavi quia aliud et antiquius genus Nitschkia inter Diatomaceas extat.

(2) In honorem Josephi Fracchia, pharmacopolae Tarvisini (1797 + 1869), qui rem herbariam assidue excoluit et fungos edules et venenatos nostrates plures per annos investigavit catalogosque et observationes de iisdem edidit.

Peritheciis aggregatis v. subsparsis, crustula stromatica insidentibus supra lignum v. corticem nascentibus e sphaeroideo depressis, diam. 1/3 mill., extus intusque atris, verruculosis, ostiolo minuto vix v. non prominulo, dein umbilicato; ascis elongato-clavatis, basi attenuatis, 70 ~ 12-14, polysposis, paraphysibus nullis; sporidiis valseis cylindraceis curvatis, utrinque rotundatis, 12 ~ 2, 3-4-guttulatis, hyalinis, dense et polystiche stipatis.

Spermatia, in peritheciis junioribus ascophoris, minima cylindracea, hyalina, curvula, 3 ~ 1/2, sterigmatibus filiformibus curvatis, 15 ~ 1/2, suffulta.

In ramis corticatis decorticatisque exsiccatis Aceris campestris, Rhamni Frangulae, Aesculi Hippocastani, Lonicerae Caprifolii, Buxi sempervirentis in agro Tarvisino et Patavino, vere, frequens.

Obs. Habitus Coelosphaeriae, a qua ascis polysporis et peritheciis non tandem cupularibus differt — Dixi *heterogeneam* ex eo quod peritheciorum fabrica ad Cucurbitarias, fructificatione vero ad Valsas accedit.

94. BOTRYOSPHAERIA Ces. et DNtrs

B. Bérengeriana DNtrs

DNtrs Sfer. ital. 82 fig. 90. — Tab. nostra XI. f. 45.

Status pycnidicus: acervulis versiformibus, atris, papillato rugulosis; peritheciis rotundo-angulosis, intus sordidis; stylosporis ovato-oblongis, 30 ~ 7, stipitellatis, hyalinis nucleolatis. — Hujusmodi stylosporae quandoque occurrunt in peritheciis ascophoris.

In cortice, sub epidermide et raro supra epidermidem ramorum, truncorumque tabescentium omnium fere arborum et fruticum in agro Tarvisino et Patavino, per annum.

Obs. Species maxime ubiquitaria et proteiformis: acervuli in Ailantho, Juglande et Viburno Opulo irregulares, angulosi, in Frangula circulares, discoidei; in ramulis Salicum, Rosarum, Corni sanguineae occurrunt perithecia subsolitaria, indeque acervuli minimi epidermide primitus absconditi, in trunco populneo e contra legi acer-

vos crasse protuberantes, stromate copioso. Contextus perithecii atrofuscus. Asci elongato-clavati, basi attenuati, 70-80 ~ 18, parapysibus filiformibus densis obvallati, 8spori; sporidia primo sphaeroidea, dein fusiformia, varia, 20-25 ~ 10-12, subdisticha, hyalina, nucleata, tandem (raro apud nos) 2-3-septata.

B. moricola Ces. et DNtrs

Tab. nostra XI. f. 46-48.

— α *lignicola:* acervulis parvis, laxis, stromate subnullo.

— β *corticola:* acervulis majusculis, pulvinatis, convexo-prominentibus, epidermide exortis, stromate lignescente luteolo; peritheciis in quoque acervo copiosis parvis, subrotundis, ostiolo impresso, luce directa nigris, contextu laxiusculo contra lucem eximie caerulascente; ascis cylindraceis breve stipitatis, 8sporis; sporidiis oblique monostichis fusiformibus, 30 ~ 7, 3-septatis, ad septa constrictis, hyalinis.

Ad ramulos Mororum et Broussonetiae, var. α in ramis decorticatis — var. β in corticatis, in agro Tarvisino et Patavino, hieme et vere.

Obs. In nonnullis acervulis provectioribus vidi sporidia soluta et e germinatione longe filigera. Cum aliis quoque ascigeris vidi Fusarii speciem, statum conidicum sistentem, conidiis fusiformibus utrinque recurvatis, 4-5-septatis, hyalinis, 30 ~ 5.

B. dispersa DNtrs

DNtrs Sf. ital. 84 fig. 92. — Tab. nostra XII. f. 8-9.

I. Status conidiophorus: *Fusarium roseum* Lk.

In caulibus putrescentibus Cannabis, Cucurbitae, Angelicae, Convolvuli, Zeae, Clematidis Vitalbae et in ramulis hornotinis Robiniae Pseudacaciae et Rosae centifoliae in agro Tarvisino et Patavino, frequens. — I. In Cucurbita sub peritheciis ascophoris.

Obs. Perithecii contextus laxiuscule cellulosus, amoene violaceo-caeruleus: perithecia conoidea, e mutua pressione saepe angulosa, rugulosa, papillata, diam. $^1/_5$ - $^1/_4$ mill. Asci oblon-

go-clavati, breve stipitati, 8spori, 50 - 12-15; sporidia disticha, versiformia, nunc fusoidea, curvula, 25 - 5 (in Zea, f. 9, Cannabi etc.) nunc obovata utrinque rotundata, 20-22 - 7 (in Rosa, f. 8, Vitalba etc.), in omnibus 3-septata, ad septa tandem perparum constricta, hyalina, farcta. Sed cum in eodem perithecio sporidia saepe nonnihil forma atque dimensionibus varient, speciem in plures divellere toedet.

B. pulicaris (Fr.) Ces. et DNtrs

I. Status conidiophorus: *Fusarium sambucinum* Fuck.

Tab. nostra XVII. f. 10.

In ramis corticatis emortuis Sambuci nigrae in agro Tarvisino et Patavino, frequens.

Obs. Sporidia fusoideo-oblonga, curvata, 3-septata, hyalina 26 - 6.

95. CUCURBITARIA Fr.

C. Coryli (Fuck. sub Otthia) Sacc.

I. Status pycnidicus: *Diplodia Coryli* Fuck.

In ramis Coryli Avellanae emortuis, I. frequens in agro Patavino et Tarvisino; status ascophorus perrarus in sylva *Montello,* aprili.

C. Quercus (Fuck. sub Otthia) Sacc.

Tab. nostra XII. f. 10.

I. Status pycnidicus: *Diplodia Quercus* Fuck.

Raro in ramis dejectis Quercus pedunculatae in sylva *Montello,* aprili, I. frequentius.

Obs. Asci late cylindracei, 140 - 12-14, breve crasseque stipitati, 8spori; sporidia oblique monosticha, ovato-oblonga, fusca, 25 - 12-14, plerumque constricto-didyma, raro loculo altero 1-septato et rarissime septulo-longitudinali; quod generis Otthiae ineptitudinem demonstrat.

C. Broussonetiae Sacc. (species nova).

Tab. nostra XII. f. 12-17.

I. Status conidiophorus: peritheciis quam ascophoris paulo majoribus, astomis; conidiis ovoideis, fuscis, 3-4 ~ 5.

II. Status pycnidicus *Diplodiam* referens: peritheciis conoideis atris; stylosporis didymis, medio constrictis, articulo altero subacuminato, 15 ~ 10, fuscis.

III. Status ascophorus: peritheciis in acervulos conicos v. difformes aggregatis, saepe crusta stromatica atra tectis, nunc sparsis, sub epidermide primo niḋulantibus, globosis, dein depressis, papillulatis, nigris, 1/2 mill. diam.; ascis cylindraceis, subsessilibus, 120 ~ 12, paraphysibus copiosis filiformibus obvallatis, 8sporis; sporidiis oblique monostichis, v. in apice asci subdistichis, ex oblongo fusoideis, 20-24 ~ 8-9, triseptatis, ad septa constrictis, primo lutescentibus, dein obscure fuligineis.

Sub cortice ramorum Broussonetiae papyriferae, Patavii sat copiosa, I. II. et III. saepe promiscue.

Obs. Species distinctiśsima cum nulla mihi nota comparanda; C. Hendersoniae Fuck. ob fabricam sporidiorum subaffinis. Ostiola quandoque pulvere rufo e nuclei substantia oriundo conspersa reperiuntur.

C. protracta (Nees?) Fuck.

Tab. nostra XII. f. 11.

I. Status pycnidicus: *Diplodia Aceris* Fuck.

II. » ascophorus: *Sphaeria protracta* Nees?

In ramis emortuis Aceris campestris *a Selva* agri Tarvisini I. et II. promiscue, aprili.

Obs. Asci anguste cylindrici, breve stipitati, 140 ~ 10, 8spori; sporidia ovata, 25 ~ 9, fusca, 3-septato-muriformia, ad septum medium profunde constricta.

C. Carpini Sacc. (species nova).

Tab. nostra XII. f. 18-20.

I. Status pycnidicus *Diplodiam* referens; peritheciis sphaericis acute papillatis, atris; stylosporis didymis oblongis parvis, fuscis, 10 ~ 4, intermixtis majoribus 22 ~ 10.

II. Status ascophorus: peritheciis in soros discoideos, sub epidermide nidulantibus, e sphaerico depressi, papillulatis,

sublaevibus, atrofuscis, diam. $^3/_4$ mill.; ascis cylindricis breve stipitatis, 100 ~ 12, paraphysibus linearibus, guttulatis, 8sporis; sporidiis ovato-oblongis, 5-7-septato-muriformibus, medio constrictis, 20-22 ~ 9-10, dein luteolis, tandem fuscis.

In ramis putrescentibus Carpini Betuli Patavii et in sylva *Montello,* agri Tarvisini, vere, I. et II. promiscue, sed II. multo rarius.

C. salicina Fuck.

I. Status pycnidicus: *Diplodia salicina* Lév.

II. Status ascophorus notus.

In ramis Salicis vitellinae putrescentibus I. frequens in agro Patavino et Tarvisino, II. raro *a Selva,* aprili.

Obs. Asci cylindracei, breve stipitati, 100 ~ 16, 8spori; sporidia ovata 4-5-septata, muriformia, utrinque rotundata, flava, 20-22 ~ 10-11.

C. Castaneae Sacc. (species nova).

Tab. nostra XII. f. 21-24.

I. Status pycnidicus *Diplodiam* referens: stylosporis didymis, fuscis, 20 ~ 10, medio constrictis.

II. Status ascophorus: peritheciis in soros oblongos aggregatis, sparsisque primo epidermide tectis, e sphaerico depressis, papillulatis, tandem subumbilicatis, $^1/_3$-$^1/_2$ mill. diam., atris, nitidulis, rugulosis; ascis cylindraceis breve stipitatis, 105 ~ 10-11, paraphysibus linearibus guttulatis obvallatis, 8sporis, sporidiis ovato-oblongis utrinque acutiusculis 5-7-septatis, ad septum medium parum constrictis, fuscis, 15-16 ~ 7-8.

In ramulis Castaneae vescae *a Tarzo* agri Tarvisini, decembre (Bérenger!).

C. elongata (Fr.) Grev. em.

Tab. nostra XII. f. 25-27.

I. Status conidiophorus: *Hendersonia Robiniae* West.

II. » pycnidicus: *Diplodiam* sistens: stylosporis ovatis, fuscis, 20 ~ 12, didymis, peritheciis globosis, papillatis.

In ramis Robiniae Pseudacaciae putrescentibus, ubique frequens.

Obs. Asci cylindrici breve-stipitati, 120-130 ~ 12, 8spori; sporidia ovato-elongata 28 ~ 12, 7-septato-muriformia fusca, ad septum medium conspicue constricta.

C. Berberidis (Pers.) Gray em.

Tab. nostra XII. f. 28-29.

Status spermogonicus et ascophorus noti.

In ramulis Berberidis vulgaris emortuis; spermogonia rariora.

Obs. Asci cylindracei breve-stipitati, 130 ~ 14, 8spori; sporidia ovato-oblongo, utrinque acuminata, 8-9-septata, ad septum medium nonnihil constricte, dense muriformia, 28 ~ 12-14, initio amoene aurea, tandem lutescentia, apicibus subhyalinis. Spermatia oblonga, hyalina, 4 ~ 1/2.

C. Rhamni (Nees) Fr. em.

I. Status spermogonicus: *Placentaria* (Fuck.).
II. » pycnidicus: *Diplodia Frangulae* Fuck.
III. » ascophorus: *Sphaeria Rhamni* Nees

In ramis Rhamni Frangulae et cathartici, II. vulgatus, III. rarus in agro Tarvisino, I. nondum vidi.

Obs. Asci cylindrici, 120 ~ 12, 8spori; sporidia late ovata, utrinque rotundata, 5-septato-muriformia, medio non constricta, obscure fusca, 20 ~ 12.

C. Laburni (Pers.) Fr. em.

Tab. nostra XII. f. 30.

Status spermogonicus, pycnidicus (*Diplodia Cytisi* Awd) et ascophorus noti.

In ramis emortuis Cytisi Laburni, pulvillos oblongos elevatos efformans in agro Tarvisino, autumno.

Obs. Asci cylindrici, 110 ~ 11; sporidia fusoidea, 26 ~ 9, 5-7-septato-muriformia, fusca.

C. Dulcamarae (Kze et Schm.) Fr. em.

I. Status pycnidicus: *Diplodia Dulcamarae* Fuck.

In ramis emortuis Solani Dulcamarae in agro Patavino et Tarvisino, I. vulgatus.

C. vagans Sacc. (species nova).

Tab. nostra XII. f. 34-38.

Peritheciis in soros discoideos aggregatis crusta stromatica fusca plerumque tectis, sub epidermide primo nidulantibus, basi extus lutescenti-furfuraceis, e sphaerico-depressis, $^1/_2$-$^2/_3$ mill. diam., papillatis; ascis cylindraceis, 115-125 ~ 12, breve stipitatis, paraphysibus linearibus obvallatis, 8sporis; sporidiis ovatis, utrinque rotundatis, 5-septato-muriformibus, 22-24 ~ 12-14, obscure fuligineis, medio non constrictis.

In ramis emortuis putrescentibus Quercus pedunculatae et Viburni Opuli in sylva *Montello* et Ailanthi glandulosae Patavii, vere, rarius.

C. Gleditschiae (Schw.) Ces. et DNtrs em.

Tab. nostra XII. f. 31-33.

I. Status pycnidicus: *Diplodiam* sistens; peritheciis minutis e sphaerico depressis, atris; stylosporis didymis, medio non constrictis, fuscis, 20-25 ~ 12-15.

II. Status ascophorus: *Sphaeria Gleditschiae* Schw. Sec. Ces.

In ramis Gleditschiae Triacanthi, Patavii, raro, I. frequens et in agro Patavino.

Obs. Perithecia sphaerica minute verrucosa, nigra, in seros pulvinatos disposita; asci late cylindracei, 100 ~ 12, breve stipitati, 8spori, paraphysibus filiformibus obvallati; sporidia ovata, 5-6-septato-muriformia, ad septum medium non v. vix constricta, 15-18 ~ 7-8, fusca.

96. NECTRIA Fr.

N. cinnabarina (Tode) Fr. em.

Heufl. Crypt. Ven. 72.

I. Status conidiophorus: *Tubercularia vulgaris* Tode

II. » ascophorus: *Sphaeria cinnabarina* Tode

In truncis, ramis, palis in toto agro Veneto I. et II. vulgatissima.

Obs. Sporidia subdisticha, oblonga, 16 ~ 5-6, hyalina farcta, 1-septata, leniter curvula; asci juniores capitellato-cristati, maturi cylindraceo-clavati, 65 ~ 9.

N. Peziza (Tode) Fr.

In cortice duriore atque in ligno denudato tabescente *a Selva* et *Vittorio* agri Tarvisini et Vicetiae.

Obs. Asci juniores apice capitellato-cristati, maturi cylindrici subsessiles, 80 ~ 7; sporidia recte v. oblique monosticha, ellipsoidea, 12 ~ 6, 1-septata, ad septum non constricta, hyalina, 2-guttulata.

N. coccinea (Pers.) Fr.

Ad cortices ramorum Salicis vitellinae *a Selva* agri Tarvisini.

Obs. Asci juniores apice capitellato-cristati, maturi cylindrici, 80 ~ 6, subsessiles; sporidia oblique monosticha, ovato-fusoidea, 1-septata, ad septum nonnihil constricta, hyalina, 2-guttulata, plerumque 14 ~ 5.

N. episphaeria (Tode) Fr.

In perithecis Cucurbitariae protractae, Eutypae latae, Valsae Rabenhorstii, Diatrypellae verruciformis parasitica in agro Tarvisino et Patavino.

Obs. Asci cylindracei, 80 ~ 5, juniores apice capitellati; sporidia oblique monosticha, ellipsoidea, 10 ~ 5, 1-septata, ad septum constricta, 2-guttulata, e hyalino rosea mihi visa.

N. abscondita Sacc. (species nova).

Tab. nostra XII. f. 42-45.

Acervulis minutis, discoideis, convexo-planis, epidermide primo tectis, dein partim erumpentibus, vix prominulis, e crusta stromatica carnea et perithecis efformatis; perithecis minimis diam. ca $^1/_6$ mill., crusta stromatica plus minus immersis, subglobosis, nucleo ostiolisque primitus crusta tectis, obtusis, papillulatis, fusco nigricantibus; ascis cylindraceis, subsessilibus, 50 ~ 8, 8sporis; sporidiis oblique

monostichis, ovato-sphaeroideis, utrinque rotundatis, 8-9 ~ 6-7, distincte 1-septatis, ad septum non (raro perparum) constrictis, e hyalino roseis, 2-guttulatis, guttulis albo-hyalinis.

Sub epidermide ramorum emortuorum Ulmi campestris, socia Valsaria insitiva, *a Selva* agri Tarvisini, hucusque unica vice.

Obs. Affinis N. variicolori Fuck. a qua differt ascis 50 ~ 8, nec 82 ~ 7, sporidiis subsphaeroideis, plerumque 9 ~ 7, nec ovatis 8 ~ 5, et praeterea loco natali diverso.

97. HYPOMYCES Tul.

H. Linkii Tul.

I. Status conidiophorus: *Mycogone rosea* Link.

I. In Agaricis putrescentibus in sylva *Montello,* autumno.

H. cervinus (Ditm. em.) Tul.

I. Status conidiophorus: *Mycogone cervina* Ditm.

I. In Helvella crispa variisque Pezizis, Patavii, aestate.

H. rosellus (A. S.) Tul.

I. Status conidiophorus: *Trichothecium candidum* Wallr.

II. » ascophorus: *Sphaeria rosella* Alb. Schw.

I. In foliis putrescentibus Hederae *a Selva* agri Tarvisini, II. in Corticio comedente *a Cison* agri Tarv. (Bérenger!).

Obs. Asci cylindraceo-subclavati, 8spori; sporidia oblique monosticha, ovato-oblonga, medio constricto-1-septata, hyalina, 15 ~ 8-9.

H. chrysospermus (Bull. em.) Tul.

I. Status conidiophorus: *Mucor chrysospermus* Bull.

I. In Boletis putrescentibus in toto agro Veneto, frequens.

98. HYPOCREA Fr.

H. rufa (Pers.) Fr. em.

I. Status conidiophorus: *Trichoderma viride* Pers.
II. » ascophorus: *Sphaeria rufa* Pers.
I. Ad cortices, ligna, trabes, in agro Tarvisino, Patavino, Vicetino, frequens, II. rarius.

99. EPICHLOE Tul.

E. typhina (Pers.) Tul.
In vaginis foliorum graminum rariorum in agro Tarvisino, Patavino, Veronensi et Venetiarum.

100. TORRUBIA Lév.

T. militaris (Ehrh.) Tul.
I. Status conidiophorus: *Isaria farinosa* Fr.
I. In chrysalidibus putrescentibus insectorum *a Selva e Vittorio* agri Tarvisino.

101. CLAVICEPS Tul.

C. purpurea (Fr. em.) Kühn
Heufl. Crypt. Ven. 72.
I. Status mycelialis quiescens: *Sclerotium Clavus* DC.
II. » spermogonicus: *Fusarium heterosporium* Nees
III. » ascophorus: *Sphaeria purpurea* Fr. p. p.
I. In fructibus Secalis Cerealis, Lolii porennis et Agropyri repentis in agro Tarvisino, Veronensi et Venetiarum.

102. AGLAOSPORA DNtrs

A. profusa (Fr.) DNtrs em.
Tab. nostra XII. f. 49-50.
I. Status conidiophorus: *Cytispora leucosperma* Fr.
II. » ascophorus: *Sphaeria profusa* Fr.
I. et II. in ramis emortuis Robiniae Pseudacaciae in toto agro Veneto, copiose.

Obs. Sporidia cylindracea, utrinque obtuse apiculata, 45-50 ~ 15, umbrina, 4-locularia, 4-nucleata, nucleis 1-guttulatis, primo sphaeroideis, dein angulosis (e latere subhexagonis). Spermatia (sterigmata?) acicularia curvata, hyalina, 15 ~ 1 1/2; microstylosporae cum spermatiis commixtae, fusoideae, hyalinae 2-guttulatae, 10 ~ 2 1/2. — In ramulis durioribus Robiniae legi formam prima fronte alienam peritheciis subemersis, ostiolis crassis, longioribus.

103. MELANCONIS Tul.

M. chrysostroma (Fr.) Tul.

I. Status conidiophorus: *Melanconium bicolor* Cda. — β.

I. In ramis Carpini Betuli in agro Patavino, martio.

Obs. Acervuli conoidei, nigri, intus inferne stromate aureo insignes: conidia olivaceo-fusca, ovata, basi subapiculata, apice rotundata, 12 ~ 8, sterigmatibus filiformibus, ramosis, hyalinis suffulta.

M. umbonata Tul. (?)

Tab. nostra XII. f. 39-41.

Status conidiophorus: *Stegonosporium elevatum* Riess sec. Tul.

In ramis corticatis Quercus pedunculatae in sylva *Montello,* aprili (status ascophorus).

Obs. Acervuli convexo-discoidei epidermide parum elevata tecti, discus parvus niger ostiolorum erumpens; stroma flavicans; asci fusoidei utrinque acuti, 80-90 ~ 12-14, 8spori; sporidia fusoidea, utrinque attenuata sub-appendiculata, constricto-1-septata, hyalina 2-magniguttata, 25 ~ 8.

104. CRYPTOSPORA Tul.

C. suffusa (Fr.) Tul.

Tab. nostra XII. f. 46.

I. Status conidiophorus: *Cryptosporium Neesii* Cda.

II. » ascophorus: *Sphaeria suffusa* Fr.

In ramis emortuis Alni glutinosae in agro Veronensi, I. et II.

Obs. Asci oblongo-clavati, subsessiles; sporidia longe cylindracea utrinque rotundata, curvata, guttulata, hyalina, continua, 40-50 ~ 4.

C. corylina (Tul.) Fuck.

Tab. nostra XII. f. 47.

I. Status spermogonicus notus sec. Tul.

In truncis ramisque corticatis emortuis Coryli Avellanae Patavii et *a Selva* agri Tarvisini, aprili.

Obs. Asci oblongo-clavati, breve stipitati, 78 ~ 11; sporidia longe cylindrica, utrinque rotundata, 60 ~ 3 1/2, continua, hyalina 15-20-guttulata. — Adhucdum dubius haereo an haec species forma sit deminuta v. juvenilis Melogrammatis ferruginei.

105. FENESTRELLA Tul.

F. Princeps Tul. Valsa fenestrata Berk. et Br.

Tab. nostra XII. f. 48.

In ramis emortuis Alni glutinosae in agro Tarvisino et Patavino frequens, rarius in Carpino et Corno sanguinea.

Obs. Sporidia ovato-oblonga, 30 ~ 12-15, utrinque hyalinoapiculata, initio lutescentia, tandem atro-virescentia, 15-16-septata denseque muriformia, medio non v. nonnihil constricta, superficie verruculosa.

106. VALSA Fr.

Subgenus 1. Cryptosphaeria (Grev. em.) Nke

V. millepunctata (Grev.) Nke

Tab. nostra XIV. f. 8-10.

In cortice ramorum Populi nigrae et Salicis vitellinae in agro Patavino et Tarvisino, aprili, raro.

Obs. Asci clavato-cylindracei, longissime stipitati, integ. long. 100, pars sporif. 50 ~ 8, 8spori, pseudoparaphysibus filiformibus guttulatis raris intermixtis; sporidia inordinate

disticha, cylindracea, curvula, 12-14 ~ 2 1/2-3, fusco-luteola, utrinque 1-guttulata. — Caute (an semper tute?) distinguenda a quadam forma corticola Valsae latae.

Subgenus 2. Eutypa (Tul.) Nke

V. lata (Pers.) Nke

Tab. nostra XIV. f. 21-23.

Status conidiophorus et spermogonicus in stromate ascophori. In truncis ramisque decorticatis, rarius in ipso cortice plurium arborum in agro Tarvisino et Patavino, frequens, hieme et vere. Hucusque legi in Platano, Aesculo, Ailantho, Acere campestri et Negundo, Robinia, Pruno spinosa, Broussenetia papyrifera, Cydonia, Sambuco nigra.

Obs. Species maxime ludibunda: perithecia nunc subsparsa ad instar Cryptosphaeriae, nunc in acervulos valseos aggregata, stroma modo latum, nigrumque, modo tenue et vix percipiendum, ostiola plerumque brevissima, rarius vero longiuscula, non tamen exerta. Asci clavati, longissime stipitati, pars sporif., 35 ~ 7, 8spori; sporidia cylindracea, curvula, luteola, utrinque 1-guttulata, magnitudine varia, 11-15 ~ 2-3, plerumque 12 ~ 2 1/2.

V. scabrosa (Bull.) Nke

Tab. nostra XIV. f. 29-31.

Status conidiophorus in stromate ascophori.

In ligno denudato emortuo Aceris campestris Patavii, vere, raro.

Obs. Asci anguste clavati, longissime stipitati, pars sporifera 40 ~ 5, 8spori; sporidia cylindracea, curvula, pallide luteola, utrinque 1-guttulata, 8-10 ~ 1 1/2-1 3/4.

V. referciens Nke

Tab. nostra XIV. f. 24-28.

In ramis corticatis emortuis Broussonetiae papyriferae et Robiniae Pseudacaciae in agro Patavino et Tarvisino, vere.

Obs. Ostiola cylindracea, plus minus longiuscula, saepe Valsae ad instar conniventia, apice conico profunde 4-5-sulcato; stroma ramos ambiens lignique superficiem nigrificans: perithecia cortici immersa, non raro, cortice dejecto, liberata. Asci clavati, longissime stipitati, pars sporifera 40 ~ 6, 8spori; sporidia cylindracea, curvula, 10 ~ 2, pallide luteola, utrinque 1-guttulata. Species haec est quasi Valsa lata ostiolis stellatim exaratis.

V. eutypa (Ach.) Nke

Tab. nostra XIV. f. 32-34.

Status conidiophorus et spermogonicus in stromate ascophori.

In truncis emortuis decorticatis Carpini Betuli, Patavii, vere.

Obs. Asci anguste clavati in stipitem longissimum attenuati, pars sporifera, 24 ~ 4 1/2, 8spori, sporidia anguste cylindrica, curvula, 6-7 ~ 1 1/4, dilute luteolo, utrinque guttula grandiuscula hyalina.

V. heteracantha Sacc. (species nova).

Tab. nostra XIV. f. 35-42.

Status conidiophorus in stromate ascophori.

Stromate corticali, subepidermico tandem liberato, ramos late ambiente, nigerrimo, primitus hyphis, fuscis, ramoso-intricatis, articulatis conidiophoris velutino, tandem ligni superficiem atroinquinante; conidiis ovatis, utrinque obtusis, subtruncatis, 15-18 ~ 4, e hyalino luteolis; peritheciis cortici immersis lignoque adnatis, plerumque in acervulos valsiformes (per 4-6) aggregatis, raro subsparsis, sphaericis, majusculis, atris, intus nitidis, diam. 3/4 - 1 mill., ostiolis crasse cylindraceis v. subconicis, perfecte laevibus, epidermidem fasciculatim erumpentibus alteque exertis, superne divergentibus, apice rotundatis et tandem pertusis, circa basim constanter hypharum fasciculis, rigidis spiniformibus, elongatis, patulisque cinctis, tandem subdenudatis; ascis copiosissimis crassiuscule clavatis, longissime stipitatis, parte sporifera 18-25 ~ 4 1/2, stipite 15-20 long., 8sporis; sporidiis subdistichis v. inordinatis, cylindraceis, curvulis, utrinque rotundatis, 5-6 ~ 3/4-1 1/4, dilute luteolis, 2-guttulatis.

In ramis corticatis arborum fruticumque variorum in agro Tarvisino et Patavino, frequens, vere. Hucusque legi in Salice alba, Sambuco nigra, Moro alba, Ailantho, Hibisco Syriaco, Broussonetia papyrifera, Robinia Pseudacacia, Carpino Betulo.

Obs. Species distinctissima, nulli mihi notae affinis, quae, dum provectior fit, dejecto rami cortice, ostiolis elongatis et hyphis dalapsis, valde, habitu, Diaporthem spiculosam v. fasciculatam aemulatur. Dixi heteracantham quia perithecia spinas dimorphas proferre videntur, nempe crassiores seu ostiola, tenuiores seu fasciculos hypharum.

Subgenus 3. Eutypella Nke

V. grandis Nke

Tab. nostra XII. f. 57-59.

In cortice duriore trunci acerini prope radicem *a Salboro* circa Patavium, martio, rarius.

Obs. Conceptacula grandiuscula, diam. 2-3 mill., stromate lignescente nigro-limitato; perithecia subrotunda diam. $^3/_4$-1 mill., intus et extus nigra, collo longiusculo cylindrico; ostiola supra discum nigrum emergentia crasse conoidea, leviter sulcata; asci cylindraceo clavati, longe stipitati, 65 ~ 7, pars sporifera 30 long., 8spori; sporidia subdisticha, cylindracea, curvula, luteola, 8-9 ~ 3.

V. Ailanthi Sacc. (species nova).

Tab. nostra XII. f. 51-56.

I. Status spermogonicus Cytisporam referens: spermogoniis plurilocularibus nigris stromate lignescente nigro-limitato insidentibus; spermatiis filiformibus, incurvis, hyalinis, 15 ~ $^1/_2$, demum in cirrhos aureos intricatos, capillares protrusis.

II. Status ascophorus: conceptaculis plerumque oblongis inaequalibus e 30-50 peritheciis constantibus, epidermide rupta cinctis, cortice duriore immersis; stromate lignescente zona nigra limitato; peritheciis ovato-subrotundis, diam. vix $^1/_2$ mill., atris extus albido-furfuraceis, collo cylindraceo plus

minus brevi, ostiolis capitellatis, 3-5-sulcato-rugosis, discum parum scabrosum plano-convexum efformantibus, non prominentibus; ascis crassiuscule clavatis, longissime stipitatis, 100 ~ 6, parte sporifera 50 ~ 6, 8sporis; sporidiis inordinate distichis, cylindraceis, parum curvatis, utrinque rotundatis, 1-guttulatisque, luteolis, 12 ~ 2½-3.

In cortice ramorum Ailanthi glandulosae Patavii et *a Selva,* I. autumno, II. vere.

Obs. Affinis V. cerviculatae et V. stellulatae, a quibus forma et magnitudine ostiolorum et sporidiorum satis differt.

V. cerviculata Fr.

Tab. nostra XIII. f. 1-4.

In cortice duriore Fraxini Orni *a Vittorio* agri Tarvisini, autumno.

Obs. Asci angusti, longe stipitati, pars sporifera 40 ~ 3; sporidia submonosticha, cylindracea, curvula, luteola utrinque 1-guttulata, 6 ~ 2.

V. Prunastri (Pers.) Fr.

Status spermogonicus: *Cytispora rubescens* Fr. p. p.

In râmis emortuis Pruni spinosae, P. Cerasi, P. Armeniacae et Persicae vulgaris *a Selva,* agri Tarvisini, aprili.

Obs. Asci clavati longe stipitati, pars sporifera 35 ~ 4, stipes 25 long.; sporidia disticha, cylindracea, curvula, pallide luteola, 2-guttulata, 6-8 ~ 1-1½. Extant quandoque pseudoparaphyses aequaliter cylindraceae, hyalinae, guttulatae, ascis longiores. Specimina e variis matricibus supra memoratis inter se non differunt.

Subgenus 4. Euvalsa Nke

V. ambiens (Pers.) Fr.

Tab. nostra XIII. f. 5-7.

Status spermogonicus et ascophorus noti.

In cortice truncorum ramorumque languentium Ulmi, Carpini, Pyri, Fagi in agro Patavino et Tarvisino frequens.

Obs. Asci elongato-subclavati, 50-60 ~ 9, 8spori; sporidia subdisticha, cylindracea, hyalina, farcta, curvula 15-16 ~ 4 (in Ulmo), 12 ~ 2 (in Carpino).

V. salicina (Pers.) Fr.

I. Status spermogonicus: *Cytispora salicina* Rabh.
II. » ascophorus: *Sphaeria salicina* Pers.
— β tetraspora: *V. capistraria* DNtrs
Species et varietas frequentes in Salicum ramis in agro Tarvisino et Patavino.
Obs. Sporidia cylindracea, hyalina, farcta, curvata formae 8sporae 11 ~ 2, formae tetrasporae 18 ~ 3.

V. sordida Nke

Tab. nostra XIII. f. 8-10.
I. Status spermogonicus: *Cytispora chrysosperma* Fr.
II. » ascophorus notus.
In ramis Populi nigrae et italicae, raro II. fertilis, frequens I.
Obs. Asci oblongo-clavati, subsessiles 50 ~ 10, 8spori, sporidia disticha, cylindracea, hyalina utrinque 1-guttulata, lenissime curvula, 12-15 ~ 1 1/2-2.

V. Hoffmannii Nke

Tab. nostra XIII. f. 11-14.
Status spermogonicus et ascophorus noti.
In ramis exsiccatis Crataegi Oxyacanthae *a Selva,* aprili, raro.
Obs. Asci fusoidei, 45-50 ~ 5, 8spori; sporidia disticha, lenissime curvata, cylindracea, hyalina utrinque 1-guttulata, 6-9 ~ 1 1/2-2.

V. Fuckelii Nke

Tab. nostra XIII. f. 15-18.
Status spermogonicus notus sec. Fuck.
In ramis exsiccatis Coryli Avellanae in agro Tarvisino et Patavino, aprili.

Obs. Ascos biformes vidi; alii lineari-oblongi 32 ~ 5, alii obovati, 28 ~ 10; omnes 8spori; sporidia in primis subdisticha, in postremis polysticha, cylindracea leniter curvata, hyalina, 12 ~ 2.

V. Vitis (Schw.) Fuck.

Tab. nostra XIII. f. 19-21.

Status spermogonicus notus.

In ramis emortuis Vitis viniferae et ejus var. sylvestris *a Selva* et in nemore *Montello,* agri Tarvisini, aprili.

Obs. Asci oblongo-fusoidei, sessiles, 40 ~ 9, 8spori; sporidia cylindracea, rectiuscula, hyalina 12-14 ~ 2.

V. fallax Nke

Status spermogonicus: *Cytispora Corni* Westd.

In ramulis Corni sanguineae putrescentibus *a Selva* agri Tarvisini, aprili, raro.

Obs. Sporidia cylindracea, curvata, hyalina, 8 ~ 1 1/2.

V. Rubi Fuck.

In ramis emarcidis Rubi fruticosi *a Selva,* raro, aprili.

V. ceratophora Tul. — Sphaeria ceratosperma Moug. et Nest.

Status spermogonicus et ascophorus noti.

— β *Rosarum* (DNtrs).

In cortice ramorum Quercuum et Castanearum in agro Tarvisino et Patavino frequens. Var. in ramis Rosae centifoliae Patavii.

Obs. Forma in quercu praebet conceptacula protuberantia, grandia, medio discum parvum ostiolorum ferentia, ostiolis tenuibus plus minus elongatis; asci cylindraceo-fusoidei 35-40 ~ 5, 8spori; sporidia disticha, cylindracea, hyalina, leniter curvata, 10-12 ~ 1 1/2-2. — Ob sporidia et perithecia majuscula accedit ad V. coenobiticam DNtrs, at hujusce ostiola crassa et robusta in nostris desiderantur.

Subgenus Leucostoma Nke p. p. Fuck.

V. nivea (Hoffm.) Fr.

Status spermogonicus et ascophorus noti.

In ramulis Populi nigrae dejectis putrescentibus in agro Patavino et Tarvisino.

V. translucens DNtrs

Status spermogonicus et ascophorus noti.

In ramulis Salicis babylonicae dejectis in agro Patavino et Tarvisino, frequens, sed plerumque spermogonica.

V. Persoonii Nke

I. Status spermogonicus: *Cytispora nivea* Fuck.

II. » ascophorus: *Sphaeria leucostoma* Pers.

In ramis exsiccatis Pruni spinosae in agro Patavino.

107. CRYPTOVALSA Ces. et DNtrs

C. protracta (Pers.) DNtrs p. p.

Tab. nostra XIV. f. 11-13.

In ramis emortuis Aceris campestris in agro Tarvisino, frequens, aprili. Specimina identica legi quoque in Carpino Betulo *a Selva*.

Obs. Asci clavati, longissime stipitati, integri 120-140 long. pars sporif. 80-90 ~ 9-10, polyspori; sporidia cylindracea, curvula, 10-12 ~ 2-2 1/2, luteola utrinque, 1-guttulata in asci lumine, in apicem angustato, stipata.

C. Nitschkii Fuck. — C. Mori Nke

Tab. nostra XIV. f. 14-16.

In cortice ramorum dejectorum Mori albae, Broussonetiae papyriferae et rarius Ulmi campestris in agro Tarvisino et Patavino.

Obs. Asci anguste clavati, longissime stipitati, 120 long., pars sporif. 60 ~ 7-9, polyspori; sporidia, inordinata stipata, cylindracea, curvula, 9-10 ~ 2-2 1/2, luteola utrinque 1-guttulata.

C. Rabenhorstii (Nke) Sacc.

Tab. nostra XIV. f. 17-20.

In ramis emortuis putrescentibus Robiniae Pseudoacaciae in agro Tarvisino et Patavino, non raro, vere.

Obs. Peritheciorum ostiola cylindracea, subsulcata, non raro exerte elongata; asci crasse elongato-clavati, pars sporif. 80 ~ 14, longissime stipitati, polyspori; sporidia majuscula, cylindracea, curvula, utrinque rotundata et 1-guttulata, lutescentia, 12-18 ~ 3-4.

108. DIAPORTHE Nke

Subgenus 1. Sclaerostroma Nke

D. salicella (Fr.) Sacc.

Tab. nostra XIII. f. 22-25.

D. Salicis Nke. — Cryptospora salicella Fuck.

I. Status conidiophorus: *Discella carbonacea* (Fr.) Ber. Br.

II. » ascophorus: *Sphaeria salicella* Fr.

In ramis emortuis Salicis albae et vitellinae in agro Patavino et Tarvisino, frequens II.

Obs. Ostiola perithecii cylindracea, raro satis elongantur et ex epidermide emergunt. Asci oblongi, sessiles, utrinque obtusi, 65 ~ 15, 8spori; sporidia disticha, crasse cylindracea, curvula v. subrecta, utrinque rotundata, 16-18 ~ 7, hyalina, 2-pluriguttulata, obsolete 1-septata, ad septum non constricta.

D. leiphaema (Fr.) Sacc.

Tab. nostra XIII. f. 26-28.

Valsa l. Fr. — Cryptospora l. Fuck.

Status conidiophorus et ascophorus noti.

In ramis Quercus pedunculatae, sessiliflorae et pubescentis in agro Tarvisino, frequens, ascophora.

Obs. Asci fusoidei, subsessiles 70-80 ~ 9, 8spori; sporidia disticha, ovato-lanceolata, 18 ~ 5, 1-septata ad septum tandem nonnihil constricta, hyalina, 2-pluriguttulata.

D. Castaneae Sacc. (species nova).

Tab. nostra XIII. f. 29-32.

I. Status spermogonicus: acervulis quam ascophoris minoribus, sed forma similibus, cellulis pulpa nigra foetis; spermatiis breve fusoideis, 7 - 1 1/2, simplicibus, hyalinis.

II. Status ascophorus: stromate valseo, rufescente epidermide rupta cincto et partim tecto; peritheciis in quoque acervulo 6-8, ovoideis v. angulosis, leniter conniventibus, atris stromate lignescente corticali exceptis, diam. ca 1/3 mill.; ostiolis brevibus in discum desinentibus; ascis cylindraceo-clavatis breviter crasseque stipitatis, 55 - 9, 8sporis; sporidiis recte distichis, raro oblique monostichis, cylindraceo-fusoideis, curvulis, 15-20 - 3, utrinque appendicula setiformi, incurva, hyalina 3-4 micr. longa, labili auctis, farctis, hyalinis initio 4-guttulatis, dein medio constricto-1-septatis, loculo altero paulo crassiore.

In ramulis Castaneae vescae in agro Tarvisino et Patavino, non raro I. multo rarius II. hieme et vere.

D. fibrosa (Fr.) Nke

Tab. nostra XIII. f. 33-35.

I. Status spermogonicus: conceptacula paulo minora, pluricellularia, cellulis pulpa luteo-fusca foetis; spermatia ellipsoidea, basi acuminata, continua, hyalina, nucleolata, 11 - 5.

In truncis ramisque exsiccatis Rhamni cathartici *a Selva* agri Tarvisini, frequens.

Obs. Conceptacula majuscula protuberantia; asci cylindracei, basi abrupte breviterque attenuati, 100 - 10, 8spori; sporidia oblique monosticha, interdum sporidium unum alterumve transverse positum, ibique ascus protuberans, ellipsoidea, utrinque rotundata, constricto 1-septata, loculis 1-magniguttatis, 12-14 - 6.

D. oncostoma (Dub.) Fuck.

Tab. nostra XIII. f. 36-39.

I. Status spermogonicus et II. ascophorus noti.

In ramis emortuis Robiniae Pseudacaciae in agro Tarvisino et Patavino vulgatissima vere, I. et II.

Obs. Perithecia et ostiola satis varia; prima nucleo flavido farcta, in Robiniae varietatis inermis ramis durioribus paulo majora vidi quam quae in ramulis junioribus; ostiola saepe elongata, gracilia, apice incurva, rarius breviora, crassiora; asci oblongo-cylindracei, sessiles, 65 ~ 9, 8spori; sporidia disticha, oblongo-fusoidea, 4-guttulata, hyalina, tandem constricto 1-septata, 18 ~ 4 1/2-5. Spermatia fusoidea utrinque acutissima, continua, 2-guttulata, hyalina, 10 ~ 2.

D. Carpini (Pers.) Fuck.

Tab. nostra XIII. f. 44-46.

In ramis putrescentibus Carpini Betuli *a Selva* agri Tarvisini, aprili, non frequens.

Obs. Asci fusoidei sessiles, 70 ~ 10, 8spori; sporidia disticha, oblique fusoidea, 25 ~ 5, hyalina, constricto 1-septata, 4-guttulata. Perithecia in acervulos valsiformes disposita, diam. ca 1/3 mill.

D. conjuncta (Nees) Fuck.

Tab. nostra XIII. f. 47-49.

In ramis emortuis Coryli Avellanae, Patavii, aprili.

Obs. Acervuli valsiformes: ostiola cylindracea elongata apice incrassato-capitata. Asci fusoidei, sessiles 70-75 ~ 9, 8spori; sporidia fusoidea, 18-20 ~ 4, hyalina, tandem constricto-1-septata, 4-guttulata.

D. Ailanthi Sacc. (species nova).

Tab. nostra XIII. f. 40-43.

I. Status spermogonicus: acervulis conoideis, atris, subemergentibus; sterigmatibus filiformi-arcuatis, 25 ~ 3/4, spermatia ovato-fusoidea, hyalina, 2-guttulata, 7 ~ 2 1/2 ferentibus.

II. Stromate valseo; acervulis sparsis, parvis e 5-6 peritheciis constantibus, stromate lignescente nigro-limitato insidentibus, immersisque, et epidermide primo tectis, dein cinctis; peritheciis subrotundis, diam. 1/3 mill., nucleo flavido foetis, ostiolis elongatis, cylindricis, conniventibus, in discum parvum nigrum convexo-tuberculosum desinentibus,

rarius nonnihil exertis; ascis cylindraceo-fusvideis, 50 - 7, 8sporis; sporidiis oblongo-fusoideis, hyalinis, 4-guttulatis, tandem 1-septatis ad septum leviter constrictis, 12-15 - 4.

In ramis junioribus exsiccatis Ailanthi glandulosae *a Selva* agri Tarvisini autumno.

Obs. Affinis D. oncostomae a qua statim distinguitur ascis, sporidiis, spermatiis multo minoribus, ostiolisque plerumque non exertis.

Subgenus 2. Tetrastagon Nke

D. revellens Nke

Tab. nostra XIII. f. 50-52.

In ramis putrescentibus Coryli Avellanae *a Selva*, rarius.

Obs. Perithecia nunc sparsa, nunc in acervulos subvalseos conjuncta, ostiolis nunc brevioribus non prominulis, nunc parum elongatis, exertis. Asci fusoidei, 50 - 7, 8spori; sporidia disticha, elongato-fusoidea, 12-14 - 3, 4-guttulata, 1-septata non v. vix constricta, loculis tandem tenuiter 1-septatis.

D. Cerasi Fuck.

Tab. nostra XIII. f. 53-55.

In ramis Pruni Cerasi *a Selva*, rarius aprili.

Obs. Perithecia cortici immersa, discreta, diam. 1/2 mill., sphaeroidea, ostiolis abbreviatis, parum emergentibus. Asci fusoidei, 50-55 - 8-9, 8spori; sporidia elongato-fusoidea, utrinque acuta, 12-14 - 3 3/4-4, 4-guttulata, hyalina, denique constricto 1-septata.

D. resecans Nke

Tab. nostra XIII. f. 56-58.

In ramulis emortuis Syringae vulgaris *a Selva* agri Tarvisini, aprili.

Obs. Perithecia minuta, diam. 1/5 mill., nunc discreta, nunc aggregata, ostiolis brevibus acicularibus e peridermii rimis non emergentibus; asci fusoidei, 60 - 11, 8spori; sporidia disticha elongata, subtorulosa, 16-18 - 4 1/2, hyalina, 4-guttulata, dein constricto 1-septata.

D. Landeghemiae (West.) Nke

Tab. nostra XIII. f. 59-61.

Spermogonia nota sec. Nke.

In ramis emortuis Deutziae scabrae Patavii, aprili.

Obs. Perithecia in cortice nidulantia, lignoque adnata, e sphaerico-depressa, ostiolo brevissimo, v. subnullo; asci fusoidei, utrinque acuti, 50 - 8, 8spori; sporidia inordinate disticha, ovato-oblonga, utrinque obtusiuscula, 15 - 4, constricto-1-septata, 4-guttulata, hyalina.

Etsi hanc speciem in Philadelpho coronaria non legissem (ubi crescit vera D. Landeghemiae), tamen ab hac diversam non credo et ob characteres collatos et ob substratuum affinitatem.

D. rostellata (Fr.) Nke

In ramis emortuis putrescentibus Rubi fruticosi, Patavii, aprili, rarius, forma ostiolis brevioribus.

D. Zaviana Sacc. (species nova).

Tab. nostra XIV. f. 5-7.

Stromate late extenso e corticis substantia non mutata formato neque linea nigra limitato; perithecis sparsis v. subaggregatis, cortice nidulantibus lignoque adnatis, minutissimis, diam. $^1/_7$ mill. ca, spaeroideis, subdepressis, atris, ostiolis brevissimis epidermidem parum sublevatam vix excedentibus; ascis oblongo-fusoideis, 26-30 - 7-8, 8sporis; sporidiis distichis pro genere minimis, 6 - 3-3 $^1/_2$ oblongo-ellipsoideis, medio non constrictis, hyalinis, 2-guttulatis.

In cortice ramulorum exsiccatorum Rubi fruticosi prope *Montegrotto* Euganeorum in agro Patavino, ubi ineunte junio legit juvenis mihi carissimus Johannes Baptista Zava, rerum naturalium studiosus, qui plures fungos et phaenogamas plantas in agro Tarvisino legit deditque, et cui hanc speciem dicatam volui.

Obs. Cum Diaporthe Vepri et D. rostellata, quibuscum haec species communem habet matricem (Rubum), ob sporidiorum fabricam diversissimam ne comparanda quidem.

D. inaequalis (Curr.) Nke

Tab. nostra XIII. f. 76-78.

In ramis provectioribus emortuis Genistae tinctoriae et Cytisi nigricantis (?) in sylva *Montello*, aprili.

Obs. Asci cylindrici, 90 ~ 10-11, basi abrupte attenuati, apice obtusiusculi, ibique saepe rimulas interiores duas corniculiformes monstrantes; sporidia octona, subrecte monosticha, ellipsoidea, utrinque obtusa, medio constricto-1-septata, 2-pluri-guttulata. Ob peritheciorum formam et dispositionem species huc locanda, sed ob characteres asci et sporidiorum D. fibrosae multo affinior.

D. rudis (Fr.) Nke

Status spermogonicus notus sec Nke.

In ramis Cytisi nigricantis dejectis in sylva *Montello*, aprili, rarius.

Obs. Ostiola plus minus rostellata; asci fusoidei 50-60 ~ 9, 8spori; sporidia recte disticha, fusoidea, 15 ~ 4, hyalina, 4-guttulata, 1-septata ad septum levissime constricta.

Subgenus 3. Euporthe Nke

D. fasciculata Nke

Tab. nostra XIII. f. 62-64.

Spermogonia nota sec. Nke.

In ramis dejectis putridis Robiniae Pseudacaciae et Hibisci syriaci in agro Tarvisino et Patavino, vere, raro.

Obs. Asci cylindraceo-fusoidei, 50 ~ 8½, 8spori; sporidia recte disticha oblonga, 12-13 ~ 4, 4-guttulata, hyalina, 1-septata, medio constricta. Ostiola rostellata, rarius solitaria. — In ramis Albizziae Julibrissin Patavii legi formam: ascis angustioribus 60 ~ 8; sporidiis, 14-15 ~ 5, utrinque obtusiusculis, et medio profundius constrictis, loculis non raro secedentibus.

D. pulla Nke

Tab. nostra XIII. f. 62-64.

I. Status spermogonicus: *Phoma Hederae* Desm. et *Sphaeropsis leucostigma* Lév. sec. Fuck.

In ramis emortuis durioribus Hederae Helicis in agro Tarvisino et Patavino, non raro, vere.

Obs. Perithecia discreta stromate superficie nigrificato immersa, ostiolis rostellatis longe exertis. Asci cylindraceo-fusoidei, 40 ~ 6, 8spori; sporidia recte disticha anguste fusoidea, 12 ~ 3, hyalina, medio indistincte 1-septata, non constricta, 4-guttulata.

D. protracta Nke

In ramis emortuis provectioribus Aceris campestris *a Selva,* qui superficie nigrificata statim dignoscuntur.

Obs. Perithecia ligno immersa, majuscula discreta, ostiolo cylindraceo crasso, brevi, non v. vix prominulo. Asci fusoidei 50-60 ~ 8, 8spori; sporidia ovoideo-fusiformia, 12-14 ~ 4, 4-guttulata hyalina, medio constricto-1-septata.

D. forabilis Nke

In ramis dejectis putrescentibus Salicis babylonicae Patavii, aprili.

Obs. Stroma ramulos late ambiens et ligni superficiem in crustam atram mutans. Asci cylindraceo-fusoidei 50-60 ~ 8, 8spori; sporidia fusiformia, hyalina, 4-guttata, constricto-1-septata, 20 ~ 4.

D. nigricolor Nke

Tab. nostra XIII. f. 68-71.

Status spermogonicus notus ex Nke.

In ramis emortuis Rhamni Frangulae, Patavii, majo.

Obs. Perithecia saepe in acervulos subvalseos congregata; ostiola crassiuscula, cylindracea, apice obtuse conica, perforata, non raro nodulosa, peridermium parum excedentia, rarius exerte elongata. Asci fusoidei, 65 ~ 8, 8spori; sporidia disticha, fusoidea, 15-16 ~ 5, constricto-1-septata, hyalina 2-4-guttulata.

D. cryptica Nke

Tab. nostra XIII. f. 72-75.

Status spermogonicus notus sec. Nke.

In ramis provectioribus emortuis Lonicerae sempervirentis *a Selva* agri Tarvisini, aprili.

Obs. Ostiola crassiuscule cylindracea, nodulosa. Asci cylindraceo-clavati, 8spori, 50 - 9; sporidia recte disticha, breve fusiformia, 15 - 4 1/2, 4-guttulata, hyalina, dein constricto-1-septata.

D. orthoceras (Fr.) Nke

Tab. nostra XIV. f. 1-4.

I. Status spermogonicus et II. ascophorus noti.

In caulibus dejectis putrescentibus Helianthi annui in hortis Patavii, martio, I. et II.

Obs. Perithecia late effusa, nunc aggregata nunc subsparsa, plus minus longe rostellata. Asci subclavati 50 - 10, 8-spori; sporidia disticha, cylindraceo-fusoidea, 12 - 5, hyalina, 4-guttulata, 1-septata, ad septum vix constricta, recta, utrinque subrotundata. — Spermatia filiformi-arcuata, hyalina, 25 - 1 1/2.

D. Tulasnei Nke

In caulibus durioribus emortuis Calaminthae et Menthae, cujusdam, Patavii, aprili.

Obs. Specimina imperfecta hucusque examinavi.

109. ANTHOSTOMA Nke

A. decipiens (DC.) Nke

Tab. nostra XIV. f. 43-46.

Status conidiophorus et spermogonicus in stromate ascophori.

In trunco decorticato, annoso, putrescente, Carpini Betuli Patavii, martio, raro.

Obs. Asci cylindrici breve stipitati, 65-70 long. pars sporif. 50 - 5 1/2 8spori; sporidia monosticha v. inordinate disticha, ovoidea, raro lenissime inaequilateralia, fusco-lutescentia, 8-9 - 3 1/2-4. Spermatia filiformia, curvata, hyalina, 10 - 1 1/2.

A. taeniosporum Sacc. (species nova).

Tab. nostra XIV. f. 47-51.

Acervulis minutis, sparsis, subrotundis repandisve, convexo-depressis, fuscis, libro immersis et epidermide nigrificata primo tectis, dein lacerata cinctis, stromate subdiatrypeo nigricante, tandem subevanescente et perithecia subnuda relinquente; peritheciis submonostiche circinatis, in quoque acervulo 6-10, atris intus nitidis, diam vix $^1/_3$ mill., ovato-subrotundis, leniter conniventibus, ostiolis brevissimis, v. latentibus, tandem perforatis; ascis cylindricis basi attenuatis, breve stipitatis, 120 ~ 15, 8spŏris, paraphysibus crasse filiformibus simplicibus obvallatis; sporidiis recte v. subobliquo monostichis ellipsoideis, plerumque 18-20 ~ 10, rarius 15 ~ 12, 2-3-guttulatis, primo luteolis, tandem fuligineo-nigricantibus, vitta angustissima alba saepe tortuosa longitudinali (ex interruptione plasmatis orta) notatis.

In cortice ramorum emortuorum Quercus pedunculatae in sylva *Montello,* raro, vere.

Obs. Ob sporidia magna ad A. cubiculare accedit sed stromate, sporidiorum vittis aliisque differt: ab A. turgido peritheciis minoribus et sporidiorum fabrica recedit: ab utroque loco natali diverso.

A. gastrinum (Fr.) Sacc.

Tab. nostra XIV. f. 52-57.

Sphaeria g. Fr. — Hypoxylon g. Fr. serius. — Melogramma g. Tul. — Quaternaria Nitschkii Fuck. (forma corticola). — Phaeosperma g. Nke.

Acervulis majusculis, sparsis, subrotundis, repandisque applanatis, subinde confluentibus, cortici immersis lignoque adnatis et epidermide parum sublevata et nigrificata tectis; stromate corticola e substantia corticale parum mutata efformato sed zona nigra, saepe 2-3 acervulos complectente, undique limitato; peritheciis majusculis sphaeroideis $^1/_2$ mill. diam., atris, intus nitidis, varia profunditate immersis, in quoque acervulo 8-12, ostiolis cylindricis pro loco plus minusve elongatis ($^1/_3$-$^2/_3$ mill.) rectis v. subconvergentibus, apice non incrassato in discum leniter

convexum laevigatum obscure punctato-areolatum, nigrum, plerumque epidermide atroinquinata tectum desinentibus; ascis cylindricis breviter stipitatis, 90-110 ~ 5, paraphysibus filiformibus simplicibus, guttulatis, obvallatis, 8sporis; sporidiis oblongo-ellipsoideis, 10-14 ~ 4 1/2-5, utrinque rotundatis, fuligineis, dein opacis, saepissime 2-guttulatis.

In cortice ramorum Ulmi campestris *a Padova* et Rhamni cathartici *a Selva* agri Tarvisini hucusque rarius, vere. Cum stromate (cortice dejecto) denudato legi in ramis Carpini Betuli, Patavii.

Obs. I. Proximum A. areolato Nke a quo differt stromate corticale, nec ligneo, ostiolis longioribus, ascis multo elatioribus et dimidio angustioribus. Nonnullis notis cum Diatrype denigrante Curr. quoque congruit.

Obs. II. Species haec statu normali et perfecte evoluto reperitur qualis supra descripta est, i. e. stromate in corticem omnino immerso et e substantia corticali parum mutata efformato; serius vero, cortice ex parte v. ex integro dejecto, conceptacula in ligni superficie libera evadunt, crasseq. pulvinata et Melogramma v. Hypoxylon quodammodo aemulantur: sed hoc Valseis quoque saepissime accedere solet: satius igitur videtur Anthostomati subjungi quam inter Melogrammeas speciem litigiosam, sed typice valseam, collocari.

110. PHYLLACHORA Nke

Ph. Graminis (Pers.) Fuck.

In foliis graminum, e. g. Bromi, Tritici in agro Tarvisino.

Obs. Asci cylindrici, 80 ~ 8, 8spori; sporidia oblique monosticha, majuscula, ellipsoidea, hyalina, 8 ~ 5.

Ph. Ulmi (Sow.) Fuck.

I. Status spermogonicus: *Septoria Ulmi* Fr.
II. » pycnidicus: *Pigottia astroidea* B. et B.
III. » ascophorus: *Sphaeria Ulmi* Sow.

In foliis Ulmi campestris *a S. Marco, Tarzo* etc. in agro Tarvisino et in Veronensi, I. et III.

Ph. Trifolii (Pers.) Fuck.

I. Status conidiophorus: *Polythrincium Trifolii* Kze.

II. » spermogonicus: *Sphaeria Trifolii* Pers.

In foliis Trifolii repentis, scabri etc. in collibus Tarvisinis.

Ph. Medicaginis Sacc. (species nova).

Tab. nostra XIV. f. 58-60.

Acervulis applanatis, ambitu irregulariter rotundatis, crenatisque, diam. $^1/_2$-1 mill., fuligineo-atris, utraque folii pagina conspicuis; ascis cylindricis breve oblique stipitatis, 70-80 - 12, 8sporis, paraphysibus filiformibus; sporidiis ovoideis, utrinque acutiusculis, saepe leviter inaequilateralibus, hyalinis, 2-guttulatis, 12 - 6, oblique monostichis v. inordinate distichis.

In foliis languentibus Medicaginis sativae Patavii.

Obs. Affinis Ph. Trifolii, quae nondum ascophora innotuit; praterea differt acervulis paulo majoribus et magis applanatis et loco natali.

Ph. Aegopodii (Pers.) Fuck.

I. Status spermogonicus: *Septoria Podagrariae* Lasch.

II. » magis evolutus sed spermatiiger: *Sphaeria Aegopodii* Pers.

In pagina inf. foliorum Aegopodii Podagrariae *a Valdobbiadene,* agri Tarvisini, I. (Bérenger!).

111. RHOPOGRAPHUS Nke, Fuck.

R. filicinus (Sow.) Nke

I. Status spermogonicus: *Leptostroma litigiosum* Desm.

II. » ascophorus: *Sphaeria filicina* Sow.

In stipitibus dejectis Pteridis aquilinae in sylva *Montello,* I. vulgatissimus.

112. EURYACHORA Fuck.

E. stellaris (Fr.) Fuck.

In foliis, caulibusque, Phyteumatis Scheuchzeri in agro Veronensi (Bérenger!).

E. Stellariae (Lib.) Fuck.

In fóliis inferioribus Stellariae holosteae, sterilis, in sylva *Montello.*

113. SCIRRHIA Nke

S. Poae Fuck. — Dothidea graminis β Poarum Fr.

In foliis Poae alpinae in sylva *Cansiglio* (Bérenger!).

Obs. Ascos non vidi, species ideo ulterius inquirenda.

114. POLYSTIGMA Pers.

P. rubrum Pers.

Heufl. Crypt. Ven. 72.

In foliis Prunorum in agro Tarvisino, Veronensi et Venetiarum.

P. fulvum DC.

Heufl. Crypt. Ven. 72.

In foliis Pruni Padi et Cerasi in agro Veronensi (Poll. Ver. III. 751).

115. DOTHIDEA Fr. p. p.

D. Mezerei Fr.

Tab. nostra XIV. f. 61-62.

In ramis Daphnes Mezerei emortuis in sylva *Montello* agri Tarvisini, raro, vere.

Obs. Asci oblongi, basi attenuati, 70 ~ 12, 8spori, parapysibus filiformibus obvallati; sporidia oblique monosticha didyma, loculo altero crassiore rotundato, altero augustiore, hyalina, 15 ~ 5.

116. ENDOTHIA Fr.

E. gyrosa (Schw.) Fuck.

E radicalis Fr. DNtrs. Sfer ital. p. 8 fig. III.

Tab. nostra XIV. f. 63-65.

I. Status spermogonicus et II. ascophorus noti.

Ad cortices duriores et ad ligna denudata Quercus, Carpini, Aesculi, Ulmi, Coryli, in agro Tarvisino et Patavino, non raro I. et II.

Obs. Asci subclavati, basi substipitato-attenuati, 28 ~ 5 1/2, 8-spori; sporidia recte disticha, breve fusoidea, hyalina, 1-septata, non constricta, 6 1/2 ~ 2 1/2, raro oblique monosticha. Perithecia spermogonica in superficie stromatis, subrotunda, sinuosa, medio umbilicata, coccinea; spermatia minutissima, oblonga, 3 ~ 1, hyalina, paraphysibus (?) filiformibus obvallata.

117. MELOGRAMMA Fr.

M. vagans DNtrs — Variolaria melogramma Bull.

M. vagans DNtrs Micr. ital. Dec. IX. in Act. Acad. Taur. (1857) p. 459 tab. II. — M. Bulliardii Tul. (1863).

Tab. nostra XIV. f. 66-67.

In cortice Carpini Betuli ramorum dejectorum Patavii et *a S. Marco, Selva* in agro Tarvisino.

Obs. Acervuli depresse pulvinati magnitudine varii ab 1 ad 3 mill. diam., polypyrenii. — Asci cylindraceo-fusoidei, substipitati, 100 ~ 10-12, 8spori; sporidia disticha fusoidea conspicue curvata, 40 ~ 5-6, 3-septata, loculis intermediis fuligineis, extimis subhyalinis, omnibus 1-2-magniguttalis.

M. spiniferum (Wallr.) DNtrs

DNtrs Sfer. ital. p. 53. f. 51.

Tab. nostra XIV. f. 68-69.

Ad radices putrescentes fagorum in *Prederatico* prope *Follina* agri Tarvisini (Bérenger!).

Obs. Ostiola in nostris plerumque parum exerta. Acervuli tumide pulvinati, 160 ~ 16, 8spori; sporidia disticha, cylindraceo-fusoidea parum curvata, 55-65 ~ 7, 6-septata, loculis fuligineis, guttulatis, extimis brevioribus obtusis, subhyalinis.

M. ferrugineum (Pers.) Ces. et DNtrs

Heufl. Crypt. Ven. 72.

Tab. nostra XIV. f. 70-71.

In truncis ramisque Coryli Avellanae in sylva *di Olmè* agri Tarvisini (Bérenger!) et in M. *Baldo* (Poll. Ver. III. 760 sub Sphaeria ferruginea).

Obs. Ostiola cylindracea exerta; stroma crocatum; asci cylindraceo-fusoidei, substipitati, 100 ~ 10, 8spori; sporidia bacillaria, 70 ~ 2½-3, utrinque attenuata, 6-7-septata, hyalina. Confer quod de hac specie dixi sub Cryptospora corylina.

118. VALSARIA Ces et. DNtrs p. p.

V. insitiva (Tode) Ces. et DNtrs (sensu ampliore).

Tab. nostra XV. f. 5-10.

Myrmaecium rubricosum (Fr.) Fuck.

Status spermogonicus et ascophorus noti.

In cortice truncorum, ramorumque arborum et fruticum fere omnium in agro Tarvisino et Patavino, per totum annum. Hucusque legi in Gleditschia Triacantho, Robinia, Berberide, Evonymo chinensi, Quercu, Carpino, Aesculo, Ulmo, Fico Carica, Broussonetia papyrifera, Vite vinifera.

Obs. Stroma forma et magnitudine variabilissimum: nunc valseum, nunc diatrypeum; acervuli pulvinati, sinuosi, tumidi, modo 1 millim. diametro non attingentes, modo 5 mill. superantes, atri: sed organa fructificationis semper eadem: asci cylindrici brevissime stipitati, 90-100 ~ 8-9, paraphysibus copiosis filiformibus, nucleolatis (an pseudoparaphysibus) obvallati, 8spori; sporidia constricto-1-septata, didyma, utrinque rotundata, 15-16 ~ 8-9, primo lutescentia 2-4-nucleolata, dein obscure fuliginea. — In ramo Broussonetiae legi formam peritheciis ligno semi-immersis, subdiscretis, ascis 80-90 ~ 7½, sporidiis, longioribus angustioribusque, 18 ~ 6-7, utrinque obtuse attenuatis, forte speciem distinctam sistentem, sed ulterius inquirendam relinquo.

V. donacina (Fr.) Ces. et DNtrs

In culmis Arundinis Donacis dejectis putrescentibus Patavii, socia Diplodia Arundinacea Dur.

Obs. Asci cylindracei breve stipitati, 80 ~ 10, 8spori; sporidia constricto-1-septata, 15 ~ 9, dilute fuliginea, prope septum (in junioribus) in quoque loculo nucleo transverse lineari septiformi instructa (E specimine Notarisiano, mea enim immatura reperi).

119. CALOSPHAERIA Tul.

C. Princeps Tul. — Sphaeria pulchella Pers.

Tab. nostra XIV. f. 72-74.

In cortice truncorum ramorumque languentium v. emortuorum Pruni Cerasi in agro Tarvisino et Vicetino, frequens.

Obs. Asci fasciculati, stipitati, in stipitem sensim attenuati, 45-50 long., pars sporif. 20 ~ 5, paraphysibus filiformibus simplicibus, hyalinis, pluriguttulatis, multo longioribus obvallati, 8spori; sporidia inordinate conglobata, cylindracea, leniter curvula, 8-10 ~ $1\frac{1}{2}$, hyalina.

C. minima Tul.

Tab. nostra XV. f. 1-4.

In cortice ramorum emortuorum Corni sanguineae *a Selva* agri Tarvisini, aprili.

Obs. Perithecia minuta $\frac{1}{3}$-$\frac{1}{4}$ mill. diam., aggregata v. subsparsa, sub epidermide tumidula nidulantia, nigra, intus nitentia, globosa, ostiolo vix prominulo; asci parvi, 25 ~ 5, subclavati, in basim sensim attenuati, sterigmatibus ramosis suffulti, 8spori, pseudoparaphysibus crassiuscule filiformibus, multiseptatis, longissimis, 100-110 ~ 3, obvallati; sporidia minima, 5 ~ $1\frac{1}{2}$, oblongo-cylindracea perparum v. non curvata, hyalina, 2-guttulata, disticha v. sparsa, aegre, ut videtur, diffluentia.

120. QUATERNARIA Tul.

Q. Persoonii Tul. — Sphaeria quaternata Pers. em.

Tab. nostra XV. f. 11-14.

I. Status spermogonicus: *Naemaspora crocea* (Pers.) Moug. et Nestlr.

II. Status ascophorus: *Sph. quaternata* Pers.

In ramis emortuis Castaneae vescae in agro Patavino, I. et II. rarius.

Obs. Asci clavati, longissime stipitati, pars sporif. 50-60 ~ 8, 8-spori; sporidia disticha v. inordinata, cylindracea, leniter curvata, luteola, utrinque 1-guttulata, 12-14 ~ 3-3 1/4. Spermatia filiformia, curvata 20 ~ 1/2, hyalina in cirrhos croceos eructata.

121. DIATRYPE Fr. p. p.

D. Stigma (Hoffm.) Fr.

Status spermogonicus et ascophorus noti.

In ramis emortuis corticatis decorticatisque Crataegi, Quercus, Carpini, Fagi, Castaneae in agro Tarvisino et Patavino frequens.

Obs. Asci clavati longissime stipitati, pars sporif. 35 ~ 4, stipes 45 long., 8spori; sporidia inordinate disticha, cylindracea, curvula e lutescenti hyalina, 7-9 ~ 1 1/2.

D. disciformis (Hoffm.) Fr.

Tab. nostra XV. f. 15-17.

Status spermogonicus (sec. Nke) et ascophorus noti.

In ramis emortuis Fagi sylvaticae in sylva *Cansiglio* (Bérenger!).

Obs. Asci clavati longissime stipitati, pars sporif. 25-30 ~ 3 1/2, 8spori; sporidia inordinate disticha, cylindracea, curvula, utrinque parum obtuseque attenuata, dilute lutescentia, 7-8 ~ 1 1/2.

D. bullata (Hoffm.) Fr.

Tab. nostra XV. f. 10-20.

In cortice populneo in agro Tarvisino (Bérenger!).

Obs. Asci et sporidia praecedentis, nisi paulo majora; sed in D. bullata acervuli plerumque irregulares, latiores, perithecia in quoque acervulo numerosiora, subsphaerica nec ovoidea, et paulo minora.

D. Bérengeriana DNtrs

DNtrs Sfer. ital. 27 fig. 26.

Tab. nostra XV. f. 21-23.

Ad fagorum caudices in sylva *Cansiglio* agri Tarvisini, non raro (Bérenger! DNtrs l. c.).

Obs. Species praedistincta! Asci clavati longissime stipitati, 65-75 long., pars sporif. 35-40 ~ 4 1/2 - 5., 8spori; sporidia subdisticha, cylindracea medio crassiora (mihi visa naviculiformia), curvata, e hyalino lutescentia, utrinque 1-guttulata, 6-7 ~ 1 1/2 - 2.

122. DIATRYPELLA Ces. et DNtrs

D. quercina (Pers.) Nke

Tab. nostra XV. f. 24-27.

D. Rousselii DNtrs sfer. ital. f. 32.

Status spermogonicus notus ex Nke.

In ramis dejectis quercinis in sylva *Montello*, frequens.

Obs. Asci clavati longissime stipitati, pars sporif. 90 ~ 11, myriospori; sporidia cylindracea vehementer curvata, 9 ~ 2 1/2, luteola utrinque 1-guttulata, dense conglobata.

D. verruciformis (Ehrh.) Nke

Tab. nostra XV. f. 28-32.

In ramis corticatis decorticatisque plurium arborum in agro Tarvisino et Patavino. Hucusque legi in Robinia, Populo, Corylo, Frangula, Acere campestri, Fico, Moro nigra, vere.

Obs. Acervuli magnitudine et forma varii. Minores, diam. ca 3/4 - 1 1/2 mill., vidi in Acere et Moro. — Perithecia parva diam ca 1/2 mill. in quoque acervulo numerosa (20-40), saepe disticha. Asci clavati largissime stipitati, pars sporif. 80-100 ~ 12-15, myriospori; sporidia cylindracea leniter curvula, 8 ~ 1 1/2, luteola, utrinque 1-guttulata, dense conglobata.

D. favacea (Fr.) DNtrs

DNtrs Sfer. ital. 29 f. 30.

Tab. nostra XV. f. 33-36.
Status spermogonicus notus ex Nke.
In ramis provectioribus emortuis Coryli Avellanae *a Selva* agri Tarvisini, raro, vere.
Obs. Acervuli majusculi, 3-5 mill. lati, tumiduli, disco verruculoso sed laevigato: perithecia grandiuscula, diam. $^3/_4$-1 mill., in quoque acervulo parum numerosa, saepe monosticha; asci clavati longissime stipitati, pars sporifera, 70 ~ 12, myriospori; sporidia dense conglobata, cylindracea, curvula, 7-8 ~ 1-1 $^1/_2$, dilute flavida, utrinque 1-guttulata.

123. HYPOXYLON Bull. p. p.

H. coccineum Bull.
Heufl. Crypt. Ven. 72.
Status conidiophorus: *Isaria umbrina* Pers.
In truncis fagineis in agro Tarvisino, Patavino, Vicetino et Veronensi, frequens.
Obs. Asci longe stipitati, cylindrici, pars sporif. 70-80 ~ 5 8spori, paraphysibus filiformibus, simplicibus, obvallati; sporidia oblique monosticha, ovata, inaequilateralia, 10-12 ~ 5, fuliginea, plerumque 2-guttulata.

H. fuscum (Pers.) Fr.
Status conidiophorus notus (Nke).
In truncis et ramis plurium arborum in agris Tarvisino et Patavino: legi in Alno glutinosa, Carpino Betulo, Fraxino Orno, Fago sylvatica, Quercu pedunculata.
Obs. Asci cylindracei, longe stipitati, pars sporif. 80-90 ~ 5-6, paraphysibus normalibus obvallati, 8spori; sporidia suboblique monosticha, ovata, inaequilateralia, utrinque obtusiuscula v. subacuta, magnitudine varia 10-15 ~ 5-6, fuliginea, guttulata.

H. serpens (Pers.) Fr.
Status conidiophorus notus (Nke).

In ligno denudato, rarius supra corticem Coryli, Alni glutinosae, Fagi, Ailanthi in agro Tarvisino et Patavino, non raro.

Obs. Asci cylindracei, longe stipitati, 8spori, pars sporif. 70-80 ⌀ 7, paraphysibus normalibus obvallati; sporidia oblique monosticha, fusoidea, utrinque obtusa, 12-14 ⌀ 5-6, fuliginea, guttulata.

124. USTULINA Tul.

U. vulgaris Tul. — Sphaeria deusta Hoffm.

Heufl. Crypt. Ven. 72.

Status conidiophorus notus (Tul.).

Ad truncos varios, praecipue fagineos in Agro Tarvisino et Veronensi, non frequens.

Obs. Asci cylindrici, stipitati, pars sporif. 250 ⌀ 8-9, 8spori, paraphysibus filiformibus tenuissimis obvallati; sporidia anguste fusoidea, oblique monosticha, curvula, 32 ⌀ 7-8, fuliginea, dein prorsus opaca.

125. DALDINIA Ces. et DNtrs

D. concentrica (Bolt.) Ces. et DNtrs

Hypoxylon concentricum Grev. — Heufl. Crypt. Ven. 72.

Status conidiophorus notus.

In truncis variis in agro Tarvisino, Patavino et Veronensi, frequens.

Obs. Asci cylindracei, longe stipitati, pars sporif. 70-80 ⌀ 7, paraphysibus filiformibus, simplicibus obvallati, 8spori; sporidia oblique monosticha ellipsoidea, utrinque breve acuminata, 12 ⌀ 6-7, primo fuliginea guttulata, tandem prorsus opaca.

126. NUMMULARIA Tul.

N. repandoides Fuck.

Fuck. Symb. 236. tab. II. f. 46.

Tab. nostra XV. f. 37-40.

In ramis fagineis dejectis *a Vittorio* agri Tarvisini, ut videtur, raro.

Obs. Stroma erumpens demum liberum, cortice rupto cinctum, oblongum, margine valde sinuosum, convexo-depressum, cent. 5 longum, 2 latum, vel 3 longum et 3 latum, 1-1½ crassum. Asci cylindrici, stipitati, 120 ~ 8, paraphysibus filiformibus, guttulatis, obvallati, 8spori; sporidia recte v. subobliqne monosticha, ellipsoidea utrinque breve acuminata 15-16 ~ 8-9, fuliginea, guttulata, tandem prorsus opaca. — Affine Hypoxylo regio et H. mediterraneo DNtrs, sed his, prater alias differentias, sporidia utrinque obtusa sunt.

127. RHIZOMORPHA Pers.

R. fragilis Roth.

Heufl. Crypt. Ven. 72.

In ramis lignorum putrescentium in sylva *Cansiglio, Vittorio* etc., agri Tarvisini, et in agro Veronensi.

R. scandens Pers.

In ligno fracido sylvae *Cansiglio* (Bérenger!).

R. subterranea Pers.

In aquiductibus ligneis putrescentibus *a Valdobbiadene* agri Tarvisini (Bérenger!).

128. XYLARIA Schrank

X. Hypoxylon (Ehrh.) Grev.

In lignis variis cariosis in agro Tarvisino, Veronensi et Patavino frequens.

X. polymorpha (Pers.) Grev.

Heufl. Crypt. Ven. 73.

Ad trabes et in vetustis caudicibus in sylvis Veronensibus (Poll. Ver. III. 757).

X. digitata (Ehrh.) Grev.
Heufl. Crypt. Ven. 73.
Ad ligna putrescentia in sylvis montanis Veronensibus (Poll. Ver. III. 756).

Ordo XV. Tuberaceae Vitt.

129. TUBER Mich.

T. aestivum Vitt.
Sub terra in sylvis collinis arenosis, praecipue castanetis et carpinetis Patavinis, Vicetinis et Veronensibus. — Edule.
Vulgo: *Trifola, Tartufola.*

T. brumale Vitt.
Cum praecedente. — Edule.
Vulgo: *Trifola, Tartufola nera.*

T. rufum Pico
Heufl. Crypt. Ven. 73.
In vineis sylvisque collinis circa pagum *Colà* abunde (prov. Veron.), Poll. Ver. III. 748.

130. CHOIROMYCES Vitt.

C. meandriformis Vitt.
Patavii ad terram in horto botanico, augusto.

Ordo XVI. Discomyceteae Fr. em. Tul.

Subordo 1. Sticteae Fr.

131. SPILODIUM Mass.

S. affine Mass.
Heufl. Crypt. Ven. 73.
In agro Veronensi.

132. ABROTHALLUS DNtrs

A. Buellianus DNtrs

Heufl. Crypt. Ven. 73.

In thallo Parmeliarum *a Cadore,* prov. Bellun. (Bérenger, Mass. Ric. 88).

A. Smithii Tul.

Heufl. Crypt. Ven. 73.

In thallo Parmeliarum propre *Angarano* et *Rubbio* in agro Vicetino (Beltr. Lich. Bass. 287).

133. NESOLECHIA Mass.

N. thallicola Mass.

Heufl. Crypt. Ven. 73.

In thallo Parmeliae caperatae in sylva *Montello* (Mass. Ric. 78) et *a Mussolente* et *S. Michele* agri Vicetini (Beltr. Lich. Bass. 286).

134. LECIOGRAPHA Mass.

L. parasitica Mass.

Heufl. Crypt. Ven. 73.

In thallo Urceolariae calcareae in rupibus *a Rubbio* agri Vicetini (Beltr. Lich. Bass. 288).

135. KREMPELHUBERIA Mass.

K. Cadubriae Mass.

Heufl. Crypt. Ven. 73.

Lecanactis Massalongi Montagne in litt. ad Mass.

In Monte *Spina di Comelico* agri Bellunensis, ad fagos magna manu (Mass. Geneac. Lich. 15).

136. STICTIS Pers.

S. radiata Pers.

In ramis dejectis *a Vittorio* prov. Tarv. et in caulibus emor-

tuis putrescentibus Galeobdolonis lutei, Genistae tinctoriae et stipitis Pteridis aquilinae in sylva *Montello*.

Obs. Cupulae carneae profunde immersae, convexae, limbo elevato, 4-6-radiato candido furfuraceo cinctae; asci anguste cylindracei, substipitati, dense fasciculati, 200 ~ 6-8, 8-spori; sporidia acicularia tenuia, 120 ~ 1 1/2, saepe apice arcuata, hyalina, 20-30-guttulata. Paraphyses tenuissimae apice quandoque ramulosae adsunt.

Subordo 2. Phacidiaceae Fr.

137. PROPOLIS Fr.

P. alba Fr.

In ligno decorticato udo *a Vittorio* prov. Tarvisinae.

Obs. I. Sporidia cylindracea, 24-25 ~ 7, incurva, utrinque rotundata, hyalina, biguttulata.

Obs. II. Pro Propoli transversali conferatur Exidia glandulosa Fr.

138. LOPHODERMIUM Chev.

L. petiolicolum Fuck. — L. xylomoides (Chev.) Dub. p. p.

In petiolis foliorum quercuum in sylva *Montello* et prope *Motta* agri Tarvisini.

L. xylomoides Chev. — Hysterium Berberidis Schlechtd.

In foliis Berberidis vulgaris *a Campèa* agri Tarvis. (Bérenger!).

L. arundinaceum (Schrad.) Chev.

In vaginis foliisque variarum graminearum in agro Tarvisino et Patavino.

139. COLPOMA Wallr.

C. quercinum (Pers.) Wallr.

Status spermogonicus et ascophorus noti.

In ramis quercinis in agro Tarvisino, frequens.

140. HYPODERMA DC.

H. Hederae (Mart.) DNtrs
Status spermogonicus et ascophorus noti.
In foliis Hederae Helicis, pagina superiori, *a Valdobbiadene* agri Tarvisini (Bérenger!).

H. commune (Fr.) Duby
Status spermogonicus et ascophorus noti.
In caulibus herbaceis durioribus dejectis Patavii, spermog.

H. virgultorum DC.
In ramis exsiccatis Rubi fruticosi in sylva *Montello*.

141. HYSTERIUM Tode p. p.

H. elongatum Whal
In ligno fraxineo *a Cison* agri Tarvisini (Bérenger!).
Obs. Sporidia oblonga, 6-8-septata, fuliginea, 30 ~ 8-9.

H. pulicare Pers.
In ligno quercino sylvae *Montello* et *Redigole* prope *Motta* agri Tarvisini; in ligno Lagerstroemiae Patavii.
Obs. Sporidia, fusca, ellipsoidea, 3-septata, loculis extimis dilutioribus, 22 ~ 8-8 1/2, guttulata.

H. Fraxini Pers.
Ad ramulos fraxineos in sylvis *Olmè* agri Tarvisini (Bérenger!).
Obs. Sporidia ellipsoidea 10-pluri-septato-muriformia, fuliginea, majuscula, 30-32 ~ 14-16.

142. GLONIUM Mühlbg.

G. amplum (Berk. Br.) Dub.
In ramulis Rubi caesii in sylva *Montello* agri Tarvisini, raro, aprili.
Obs. Asci subclavati basi sensim attenuati, 70 ~ 12-14, 8spori; sporidia fusoidea, disticha, 22-24 ~ 5, utrinque obtuse attenuata, 1-septata, ad septum constricta, hyalina.

G. lineare (Fr.) DNtrs

In ligno denudato fraxineo *a Cison* agri Tarvisini.

Obs. Asci cylindraceo-clavati, 70 - 9-10, 8spori: sporidia oblique monosticha, ovoidea, 11 - 5, bilocularia, loculo altero rotundato, altero angustiore, obtuse acuminato, ad septum non constricta, hyalina. Perithecia linearia, angusta, parallela.

G. interruptum Sacc. (species nova).

Peritheciis oblongis, convexis, parallele aggregatis, sparsisque, brevibus, 1/2-1 mill. long., atris, rima angusta percursis; ascis cylindraceo-clavatis, breve stipitatis, 70-80 - 9-10, 8sporis, sporidiis subdistichis, v. apice monostichis, ovoideis utrinque breve acuminatis, bilocularibus, ad septum non constrictis, 14 - 4 1/2-5, hyalinis.

In ligno denudato quercino in agro Tarvisino.

Obs. Affine G. lineari, a quo peritheciorum brevitate, et sporidiorum forma et magnitudine statim distinguitur.

143. PHACIDIUM Fr.

Ph. coronatum (Schum.) Fr.

Heufl. Crypt. Ven. 73.

In foliis Quercuum et Castanearum in agro Tarvisino et Veronense, vulgare.

Ph. dentatum Kze et Schm.

In foliis querneis et castaneis *a Valdobbiadene*, prov. Tarvis. (Bérenger!).

Ph. minutissimum Awd.

In foliis quercinis in agro Tarvisino (Bérenger!).

144. RHYTISMA Fr.

R. acerinum (Pers.) Fr.

Heufl. Crypt. Ven. 73.

In foliis Aceris campestris et Pseudoplatani in agro Tarvisino, Veronensi et Venetiarum.

R. punctatum (Pers.) Fr.

In foliis Aceris campestris in agro Tarvisino, frequens.

R. salicinum (Pers.) Fr.

In foliis Salicis nigricantis et S. purpureae *a Marèn* agri Tarv. (Bérenger!).

Subordo 3. Patellariaceae Fr.

145. HETEROSPHAERIA Grev.

H. Patella (Tode) Fr.

In caulibus exsiccatis Dauci Carotae, Patavii.

146. CENANGIUM Fr.

C. Cerasi Fr. em.

I. Status pycnidicus: *Micropera Cerasi* Sacc. — *M. Drupacearum* Lév. ex p.

Tab. nostra XVII. f. 13-15.

Acervulis erumpenti-superficialibus, diam. 1-2 mil., prominentibus rigidulis ex 5-14 tuberculis dense aggregatis basique coalitis constantibus; tuberculis cylindraceo-conoideis plus minus elongatis saepius apice subtruncatis, pallide roseis furfurellis, macula fusca ostioliformi in medio disco notatis, ibique globulum conidiorum protendentibus; conidiis (stylosporis?) anguste cylindraceo-fusoideis curvatis v. contortis, 50 ~ 3, hyalinis nucleo transverse multipartito.

II. Status ascophorus: *Cenangium Cerasi* Fr.

I. et II. In ramis emortuis Pruni Cerasi in agro Tarvisino.

C. Rosae Sacc. (species nova).

Cupulis sparsis erumpentibus, minutis, diam. 1/6-1/8 mill., brevissime stipitatis, crasse lenticularibus, disco subplanis, lutescenti-rubiginosis; ascis crasse clavatis substipitatis, 70 ~ 20, 8sporis; sporidiis subdistichis oblongo-ovatis, v. subcylindraceis, 28 ~ 10, continuis, hyalinis, tandem fuscescentibus.

In ramis emortuis Rosae caninae in sylva *Montello,* agri Tarvisini, aprili.

147. LECANIDION Rabenh.

L. atratum (Hedw.) Rabh.

In ramis exsiccatis Rubi fruticosi *a Seravalle* agri Tarvisini, in ligno querneo in S. *Montello* et in Donace Patavii.

148. TROCHILA Fr.

T. Craterium (DC.) Fr. em. Tul.

I. Status pycnidicus: *Myxosporium paradoxum* DNtrs
II. » ascophorus: *Sphaeria Craterium* DC.

In foliis Hederae Helicis in sylvis Tarvisinis et Veronensibus, frequens.

T. puccinioidea DNtrs, Disc. in Comm. Critt. It. 5. 370.

In foliis emortuis caricinis in *Monte Baldo* (DNtrs, l. c.).

T. Rubi DNtrs

In ramulis emortuis putrescentibus Rubi fruticosi in sylva *Montello* agri Tarvisini.

T. Lauro-cerasi (Desm.) Fr.

In foliis putrescentibus Pruni Lauro-Cerasi ad paginam inferiorem in agro Tarvisino et Patavino.

149. LACHNELLA Fr.

L. corticalis (Pers.) Fr.

Ad cortices duriores truncorum Patavii, autumno.

L. albo-violascens (A. S.) Fr.

Ad ramulos Robiniae, Ulmi, Corni, Vitis dejectos Patavii et Tarvisii, aestate.

Obs. Ascos maturos non vidi.

Subordo 4. Bulgariaceae Fr.

150. CALLORIA Fr.

C. vinosa (A. S.) Fr.

In ramis decorticatis dejectis, Ailanthi et Broussonetiae papyriferae, Patavii.

151. LEOTIA Hill.

L. lubrica (Scop.) Pers.

Henfl. Crypt. Ven. 73.

— β minor; pileo atroviridi, stipiteque aurantiaco minus tremellosis.

Ad terram in sylvaticis *Montello, Vittorio* et in collibus Veronensibus, praecipue *a Guastalla,* aestate et autumno. — Var. in sylva *Montello.*

152. CORYNE Tul.

C. sarcoides (Pers. em.) Fr.

I. Status conidiophorus: *Tremella sarcoides* Fr.

II. » ascophorus: *Peziza sarcoides* Fr.

In trunco emortuo putrescente Pruni Laurocerasi *a Vittorio* agri Tarvisini.

153. BULGARIA Fr.

B. inquinans (Pers.) Fr.

I. Status conidiophorus: *Tremella foliacea* Pers.

II. » ascophorus: *Peziza inquinans* Pers.

Ad truncos quercinos, praesertim dejectis in sylva *Montello,* autumno frequens.

Subordo 5. Pezizeae Fuck.

154. NIPTERA Fr. emend. Fuck.

N. uda (Pers.) Fuck.

In ligno putrido udo sylvae *Cansiglio* (Bérenger!).

N. cinerea (Batsch) Fuck.

In ligno carioso udo *a Selva* agri Tarvisini, autumno.

N. Riccia Sacc. (species nova).

Tab. nostra XVI. f. 3-6.

Capulis gregariis sparsisve, sessilibus, applanatis, concaviusculis,

ceraceis, diam. 2-3 mill., margine profunde lobato-crenato, disco subsulcato cinerascente-luteolo, extus limboque nigris, sublaevigatis; ascis dense fasciculatis, cylindraceo-clavatis, basi attenuatis, 50-55 ~ $4\frac{1}{2}$-$5\frac{1}{2}$, 8sporis, paraphysibus filiformibus apice truncatis obvallatis; sporidiis inordinate distichis, oblongo-cylindraceis, 8-10 ~ $2\frac{1}{2}$-3, subcurvatis, hyalinis.

In ligno putrescente denudato Robiniae Pseudacaciae Patavii, martio.

Obs. Affinis N. melaleucae (Fr.) Fuck. a qua praecipue cupulae forma differt. Ricciamque quamdam habitu aemulatur. Cum Tapesia byssina Fuck. quoque nonnullam analogiam habet.

155. TRICHOPEZIZA Fuck.

T. punctiformis (Fr.) Fuck.

In foliis quercinis dejectis Patavii, autumno.

T. nivea (Hedw.) Fuck.

In truncis et ramis putrescentibus Tarvisii et Patavii, autumno.

T. villosa (Pers.) Fuck.

Ad caules dejectos putrescentes Patavii, autumno.

T. pulveracea Fuck. — Peziza Pteridis A. S.

In stipitibus dejectis Pteridis aquilinae in sylva *Montello*, aprili.

Obs. Asci oblongo-clavati, 8spori; sporidia cylindraceo-clavata, 10-12 ~ 2, hyalina minute guttulata.

T. Nidulus (Schm. et K.) Fuck.

In caulibus herbaceis dejectis in sylva *Montello*.

Obs. Extus strigoso-hirsuta, badia, disco flavido, niduliformis. Ascos non vidi.

156. HYALOPEZIZA Fuck.

H. ciliaris (Schrad.) Fuck.

In foliis dejectis quercinis in sylva *Montello*, autumno.

157. DASYSCYPHA Fuck.

D. calycina (Schum.) Fuck.

In truncis carie exesis Patavii et in sylva *Montello.*

Obs. Cupula concaviuscula intus pallide aurantia, extus alba puberula. Sporidia ellipsoideo-fusiformia.

D. cerinea (Pers.) Fuck.

In ramulis dejectis variarum arborum *a Vittorio,* prov. Tarvis.

D. virginea (Batsch) Fuck.

Ad fragmenta lignea cariosa inter humum Patavii et in sylva *Montello.*

158. TAPESIA (Pers.) Fuck.

T. variicolor (Fr.) Fuck. var. *flava.*

In lignis cariosis udis *a Selva* agri Tarvisini, autumno.

159. BELONIDIUM Mont. et Dur.

B. Asteroma (Fuck. sub Arachnopeziza A.) Sacc.

Tab. nostra XVI. f. 23-28.

In foliis dejectis Caricis paludosae Patavii, aprili, raro.

Obs. A descriptione Fuckelii (Symb. myc. 304) nonnihil recedit cupulae disco demum late hiante, applanato nec clauso. Asci cylindraceo-subclavati, breve stipitati, 60 ~ 9, 8spori, parapisybus filiformibus obsoletis obvallati; sporidia acicularia, 35 ~ 3, leniter arcuata, utrinque acutiuscula, hyalina, 4-6-nucleata, sub-disticha. Cupulae patelliformes, circulares, sinuosae, diam. $^1/_2$-$^2/_3$ mill., basi villo fusco parco cinctae, caerulescenti-olivaceae.

160. CYATHICULA DNtrs

C. vulgaris DNtrs — Peziza cyathoidea Bull.

In caulibus dejectis putrescentibus in agro Patavino e Tarvisino.

C. coronata (Bull.) DNtrs

In caulibus herbarum majorum putrescentibus in sylva *Montello*, autumno.

C. echinophila (Bull.) Sacc.

In capsulis Castaneae vescae, dejectis, putridis, circa *Vittorio*.

161. HELOTIUM Fr.

H. serotinum (Pers.) Fr.

In ramulis dejectis subfracidis in sylva *Montello* et *Cansiglio*, autumno seriore.

H. ferrugineum (Bull. p. p.) Fr. — Bull. t. 300 f. 2.

In lignis fracidis sylvae *Montello*, autumno.

H. fructigenum (Bull.) Fuck. — H. virgultorum Fr.

Heufl. Crypt. Ven. 73.

In virgultis, ramulis, fructibus quercuum, fagorum in agro Tarvisino (*Cansiglio*) et Veronensi (*Guastalla*) autumno.

H. salicinum (Pers.) Fuck.

In ramulis putrescentibus salicinis *a Selva* agri Tarvisini, autumno, frequens.

H. subtile Fr.

In ramentis ligneis dejectis Patavii, autumno.

H. lenticulare (Bull.) Fr.

Heufl. Crypt. Ven. 73.

Ad ligna faginea et quercina putrescentia agri Tarvisini et Veronensis.

Obs. Cupulae sessiles, forma variae.

H. citrinum (Hedw.) Fr.

In ramulis et fragmentis ligneis cariosis a *Selva*, prov. Tarvis., autumno.

162. LEUCOLOMA Fuck.

L. Hedwigii Fuck. — Octospora leucoloma Hedw.
Heufl. Crypt. Ven. 73.
Inter muscos in moeniis Veronae et *a Lasize* (Poll. Ver. III. 565).

163. CROUANIA Fuck.

C. humosa (Fr.) Fuck.
Ad terram in sylva *Montello*, nec non in charta bibula humi jacente Patavii, autumno; — in moeniis Veronae inter muscos (Poll. Ver. III. 565).

164. HUMARIA Fuck.

H. scutellata (L.) Fuck.
Heufl. Crypt. Ven. 73.
In detritis et udis fragmentis ligneis in agro Tarvisino, Patavino et Veronensi, frequens.
Obs. Rubra, ciliis longis nigris circumdata.

H. stercorea (Pers.) Fuck.
Ad terram stercoratam et umbrosam agri Patavini et Veronensis.
Obs. Lutescens, ciliis brevibus concoloribus cincta.

H. hemisphaerica (Wigg.) Fuck.
In sylva *Montello*, autumno frequens.

165. PLECTANIA Fuck.

P. coccinea (Jacq.) Fuck.
Heufl. Crypt. Ven. 73.
In ramis putridis humi dejectis in agro Veronensi (Poll. Ver. III. 566) et Vicetino (Marz. Vic. 54).

166. ALEURIA Fuck.

A. aurantia (Oed.) Fuck.

Heufl. Crypt. Ven. 74.

— β *purpurea.*

In sylva *Montello* agri Tarvisini cum var. β, et in nemoribus *di Guastalla* agri Veronensis.

167. PLICARIA Fuck.

P. badia (Pers.) Fuck.

In herbidis umbrosis Horti botanici Patavini.

P. repanda (Wahlbg.) Fuck.

In sylva *Montello,* autumno frequens.

168. PUSTULARIA Fuck.

P. cupularis (L.) Fuck.

In umbrosis sylvae *Montello, Selva,* Patavii.

P. vesciculosa (Bull.) Fuck.

Heufl. Crypt. Ven. 74.

— β *saccata* Fr. magna (diam. transv. 9 cent.; diam. longit. 8 cent.) margine subconnivente varie lobata, minute crenulata, intus colliculoso-costata fuliginea, extus albido-furfuracea, basi brevissime et crasse substipitata. — Asci cylindracei, longi, deorsum attenuati, sed ima basi subincrassati: sporidia ellipsoidea, 20 ∽ 13, episporio rubente obscure 1-guttulata, in asci superiore parte oblique monosticha: paraphyses lineares, sursum leviter clavatae.

In umbrosis ad terram agri Tarvisini, Patavini, Veronensis, Vicetini et Venetiarum, autumno. Var. pari loco Patavii, hieme.

169. OTIDEA Fuck.

O. cochleata (Huds.) Fuck.

Heufl. Ven. Crypt. 74.

In sylvaticis *Montello,* Patavii et *a Grezzana* agri Veronensis.

170. ACETABULA Fuck.

A. vulgaris Fuck. — Peziza Acetabulum L.
In sylvaticis udis *Montello,* Patavii frequens, vere et aestate
Vulgo: *Rece, Recèle* (Tarv.), *Capelete* (Pat.). — Edulis.

A. Calyx Sacc. (species nova).
Tab. nostra VIII. f. 14-18.
Stipite albo crassiuscule cylindraceo, longitudinaliter costato, inferne profunde radicato; cupula calyciformi-campanulata, badia extus pallidiore pruinosa, intus saturatiore sublaevigata, margine saepius crenulato, dein fisso; ascis cylindraceis elongatis, 200 ~ 12, basi attenuato-brevi-stipitatis, 8sporis, paraphysibus filiformibus sursum angustissime clavatis, fuscidulis; sporidiis late ellipsoideis, 18-20 ~ 10-12, hyalinis guttula magna sphaerica (quandoque utrinque 1-2 guttulis minoribus aucta), foetis, tandem pallide fuscis.
Ad terram graminosam sub exitio martii, Patavii.
Obs. Cum A. vulgari vix comparanda quia cupula extus omni aetate levis manet, nec ramoso-costata. Acet. calyciformis (Bolt.) differt stipite crassiore et lacunoso exitque tempore autumnali. Pustularia Catinus (Holmsk.) Fuck. recedit praesentia pustularum externae superficiei cupulae et sporidiis minoribus 2-guttulatisque.

171. MACROPODIA Fuck.

M. Macropus (Pers.) Fuck.
In sylva *Montello,* rarius, autumno.

Subordo 6. Helvellaceae Fr.

172. SPATHULARIA Pers.

S. flava Pers. Comm. fung. clav. (1797).
In sylvaticis herbidis agri Veronensis (C. Massalongo!).

173. VERPA Sw.

V. digitaliformis Pers.

In agro Tarvisino (Fracchia M. S.). — Comeditur sed caro tenuis et parum sapida.

174. GEOGLOSSUM Pers.

G. glabrum Pers.

In sylva *Montello,* autumno, raro.

G. hirsutum Pers.

In paludosis inter sphagna in sylva *Cansiglio* (Bérenger!).

175. HELVELLA L. em. Fr.

H. pezizoides Afzel.

In muscosis udis sylvae *Montello* et Patavii.

H. elastica Bull.

In sylvaticis herbidis *Montello, Selva, Vittorio,* Patavii, frequens.

H. pulla Holmsk.

In agro Patavino (Zigno, Crypt. Pat. 3).

Obs. Forsan eadem ac A. elastica v. ejus varietas.

H. crispa (Scop.) Fr.

In sylvaticis herbidis agri Tarvisini, Patavini, Vicetini, Veronensis, frequens. — Vesca.

H. lacunosa Afz. — H. Mitra Pers.

In sylvaticis umbrosis agri Tarvisini. — Edulis.

Vulgo: *Barete da Prete.*

H. Infula Schäff.

Heufl. Crypt. Ven. 74.

In sylvula *dei Nordi* in litore Veneto (Nacc. Fl. Ven. VI. 8).

H. Monachella (Scop.) Fr.
In sylvis collinis circa *Lazize* in agro Veronensi (Poll. Ver. III. 590. — Esculenta.

176. GYROMETRA Str.

G. esculenta (Pers.) Str.
In sylvaticis agri Tarvisini.
Vulgo: *Muneghete.* — Esculenta.

177. MORCHELLA Dill. Fr.

M. hybrida (Sow.) Pers.
Heufl. Crypt. Ven. 74.
In sylvaticis umbrosis agri Tarvisini, Patavini, Veronensis et Venetiarum.
Vulgo: *Sponziol, Sponziola.* — Vesca.

M. esculenta (Bolt.) Pers.
Heufl. Crypt. Ven. 74.
— α *rotunda* Pers.
— β *vulgaris* Pers.
In dumetis umbrosis totius agri Veneti. — Vesca.
Vulgo: *Sponziol, Sponziola.*

M. conica Pers.
In sylvaticis cum praecedentibus confusa et comesta.

Subclassis II. PLASMODIOPHORAE Fuck.
(Myxomycetes de Bary)

Subordo 1. Lycogaleae de Bary

178. LYCOGALA Mich., Fr.

L. Epidendrum L.
Heufl. Crypt. Ven. 74.
In lignis udis consumptis agri Tarvisino, Patavini, Vicetini, Veronensis.
Obs. Sporidia verruculosa, denique atra.

179. RETICULARIA Bull. p. p., Fr.

R. umbrina Fr. — R. Lycoperdon Bull.
In ligno putrescente udo in sylva *Montello*; Vicetiae (D.r Allexich).

Subordo 2. Trichiaceae de Bary

180. TRICHIA Hall., Fr.

T. chrysosperma (Bull.) DC.
Heufl. Crypt. Ven. 74.
In lignis putridis umbrosis in sylva *Montello* et in collibus *di S. Ambrogio* agri Veronensis (Poll. Ver. III. 723).

T. Lorinseriana Corda
Tab. nostra XVI. f. 29-33.
Ad muscos vivos in sylva *Cansiglio* (Bérenger!).
Obs. Peridiola fusco-purpurea, stipes longitudinaliter leviter plicatus, elongatus; sporidia flava; habitatio in muscis ut Trichiae serotinae Schrad., cui affinis.

T. nigripes Pers.
Ad truncos fagineos fracidos muscosos in sylva *Cansiglio* (Bérenger!).

T. Serpula Pers.
— β *reticulata.*
In trunco carioso Castaneae vescae *a Feletto* agri Tarvisini.

181. ARCYRIA Hill., Fr.

A. incarnata Pers.
Tab. nostra XVI. f. 34-37.
In ligno Platani putrido Patavii.
Obs. Calyx grandiusculus pezizoideus, contextu plasmodico punctato, ochraceo-ferrugineus, radiatim plicatus, nec vere

H. Monachella (Scop.) Fr.

In sylvis collinis circa *Lazize* in agro Veronensi (Poll. Ver. III. 590. — Esculenta.

176. GYROMETRA Str.

G. esculenta (Pers.) Str.

In sylvaticis agri Tarvisini.

Vulgo: *Muneghete.* — Esculenta.

177. MORCHELLA Dill. Fr.

M. hybrida (Sow.) Pers.

Heufl. Crypt. Ven. 74.

In sylvaticis umbrosis agri Tarvisini, Patavini, Veronensis et Venetiarum.

Vulgo: *Sponziol, Sponziola.* — Vesca.

M. esculenta (Bolt.) Pers.

Heufl. Crypt. Ven. 74.

— α *rotunda* Pers.

— β *vulgaris* Pers.

In dumetis umbrosis totius agri Veneti. — Vesca.

Vulgo: *Sponziol, Sponziola.*

M. conica Pers.

In sylvaticis cum praecedentibus confusa et comesta.

Subclassis II. PLASMODIOPHORAE Fuck.

(Myxomycetes de Bary)

Subordo 1. Lycogaleae de Bary

178. LYCOGALA Mich., Fr.

L. Epidendrum L.

Heufl. Crypt. Ven. 74.

In lignis udis consumptis agri Tarvisino, Patavini, Vicetini, Veronensis.

Obs. Sporidia verruculosa, denique atra.

179. RETICULARIA Bull. p. p., Fr.

R. umbrina Fr. — R. Lycoperdon Bull.

In ligno putrescente udo in sylva *Montello*; Vicetiae (D.r Allexich).

Subordo 2. Trichiaceae de Bary

180. TRICHIA Hall., Fr.

T. chrysosperma (Bull.) DC.

Heufl. Crypt. Ven. 74.

In lignis putridis umbrosis in sylva *Montello* et in collibus *di S. Ambrogio* agri Veronensis (Poll. Ver. III. 723).

T. Lorinseriana Corda

Tab. nostra XVI. f. 29-33.

Ad muscos vivos in sylva *Cansiglio* (Bérenger!).

Obs. Peridiola fusco-purpurea, stipes longitudinaliter leviter plicatus, elongatus; sporidia flava; habitatio in muscis ut Trichiae serotinae Schrad., cui affinis.

T. nigripes Pers.

Ad truncos fagineos fracidos muscosos in sylva *Cansiglio* (Bérenger!).

T. Serpula Pers.

— β *reticulata.*

In trunco carioso Castaneae vescae *a Feletto* agri Tarvisini.

181. ARCYRIA Hill., Fr.

A. incarnata Pers.

Tab. nostra XVI. f. 34-37.

In ligno Platani putrido Patavii.

Obs. Calyx grandiusculus pezizoideus, contextu plasmodico punctato, ochraceo-ferrugineus, radiatim plicatus, nec vere

venosus; capillitium ochraceo-ferrugineum, ubique muriculatum, 3 1/2 micr. crassum; sporidia sphaerica e carneo-ochracea, 6 micr. diam.

A. punicea Pers.

Tab. nostra XVI. f. 38-41.

In lignis cariosis in agro Patavino et Tarvisino.

Obs. Calyx minor, sed distinctus, contextu plasmodico-punctato, amoene puniceus, radiatim plicatus venosusque; capillitium rubellum ubique muriculatum, 3 crass.; sporidia punicea sphaerica, diam. 6 micr.

A. nutans (Bull.) Fr.

Tab. nostra XVI. f. 42-45.

In truncis quercinis dejectis sylvae *Montello*.

Obs. Calyx minimus, contextu subcelluloso, flavicans radiatim plicatus, nec venosus; capillitium flavidum ubique muriculatum 3 crass.; sporidia dilute flava, sphaeroidea subangulosa, diam. 6-7 micr.

182. CRIBRARIA Schrad.

C. vulgaris Schrad.

Ad palos udos putridos Patavii.

Obs. Stipites demum nitide nigricantes, peridio quadruplo longiores: peridium exacte sphaericum reticulo aequali sporidiisque sphaericis subferrugineis praeditum.

C. tenella Schrad.

In fragmentis ligneis putridis in calidariis Horti botanici Patavini.

Obs. Stipites gracillimi; reticulum peridii nodulosum.

Subordo 3. Stemoniteae de Bary

183. STEMONITIS Gleditsch, Fr.

S. fusca Roth

In truncis cariosis et in fragmentis ligneis putridis in sylva *Montello* et *Cansiglio* et prope Vicetiam.

Subordo 4. Physareae de Bary

184. SPUMARIA Pers.

S. alba (Bull.) DC.

In ramulis foliisque arborum et fruticum in agro Patavino (Zigno, Crypt. Pat. 3 sub Spum. Mucilag. Pers.).

185. AETHALIUM Link

Ae. septicum (L.) Fr.

In truncis putridis in agro Veronensi et Venetiarum (Poll. III. 720, Nacc. Ven. VI. 24.).

Ae. vaporarium (Bull.) Fr.

In hortorum rejectamentis putrescentibus Patavii, Vicetiae et Veronae.

186. CARCERINA Fr.

C. spumarioides Fr.

Ad folia, virgulta rejecta in sylvulis prope *Motta* agri Tarv. (Bérenger!).

187. DIDERMA Pers.

D. stellare (Schrad.) Pers.

Ad truncorum Platani cortices Vicetiae (Doct. Allexich!).

D. globosum Pers.

Ad folia decidua putrescentia Patavii.

188. DIDYMIUM Schrad.

D. haemisphaericum (Bull.) Fr.

In caulibus herbaceis dejectis putrescentibus Patavii.

D. squamulosum (A. S.) Fr.

Ad folia putrescentia dejecta in agro Patavino et Tarvisino.

Obs. Peridium quamulis minutis primo albis dein cinereis tectum: stipes brevissimus, albicans; columella albidia, parva; sporidia sphaerica verruculosa fuligineo-atra; flocci copiosi hyalini.

D. herbarum Fr.

In foliis Plantaginis, Hieracii etc. *a Selva* agri Tarvisini.

D. lobatum Nees

Ad folia et ramenta putrida, uda Patavii (Sacc.) et Clodiae (Nacc. Ven. VI. 25).

Obs. Flocci et sporidia atri: columella praesens.

D. complanatum Fr.

In cortice Lagerströmiae indicae in Horto botanico Patavino, autumno seriore.

Obs. Peridium e sphaerico depressum; columella majuscula ochracea; flocci albi; sporidia fuligineo-atra, verruculosa.

D. cinereum (Pers.) Fr.

Ad truncos udos in hortis Patavii, autumno sero.

Obs. Peridium saepe iridescens: flocci eo adnati eximiereticulati, albidi; sporidia majuscula fuliginea, verruculosa.

189. PHYSARUM Pers.

Ph. nutans Pers.

In lignis putrescentibus in agro Tarvisino, Patavino, Vicetino et Veronensi, non raro.

Ph. subulatum Schum.

In ramis dejectis Prunorum Patavii.

Obs. Valde accedit Physaro nutanti, a quo differt peridio exacte sphaerico, basi non excavato-depresso.

FUNGI IMPERFECTI

i. e. quorum status fructificationis perfectus nondum innotuit.

I. HYPHOMYCETEAE Fr.

190. CRYPTOCOCCUS Ktz.

C. major Ktz.
Heufl. Crypt. Ven. 74.
In aqua dulci diu servata in vase clauso, in agro Patavino (Menegh. Alg. Eug. 5).

C. mollis Ktz.
Heufl. Crypt. Ven. 74.
Cum praecedente (Menegh. l. c.).

191. SPHAEROTILUS Ktz.

S. lacteus Ktz.
Heufl. Crypt. Ven. 74.
In thermis Aponensibus (Ktz. Phyc. gen. 150).

S. thermalis Ktz.
Heufl. Cript. Ven. 74.
In thermis Aponensibus (Ktz. Alg. Dec. XIV).

192. LEPTOMITUS Ag.

L. Ceratophylli Ag.
Heufl. Crypt. Ven. 75.
In Ceratophyllo in Euganeis (Trevisan, Prosp. Eug. 57).

L. exilarioides Menegh.
Heufl. Crypt. Ven. 75.
In thermis Euganeis (Menegh., Trev. Eug. 57). — Dubia species.

193. STEREONEMA Ktz.

S. asperum Menegh.
Heufl. Crypt. Ven. 75.
Ad Confervas putrefactas diu servatas in agro Patavino (Menegh. Alg. Eug. 11).

S. lutescens Ktz. v. *geminatum* (Menegh.)
Heufl. Crypt. Ven. 75.
Cum praecedente (Menegh. l. c.).

194. MYCODERMA Pers.

M. Glutinis farinae Desm.
Heufl. Crypt. Ven. 75.
In glutine farinae diu servato, udo.

M. Vini Vall. — M. Aceti Auct. recent.
Heufl. Crypt. Ven. 75.
In vino, dum fermentat et in acetum mutatur.

M. Cerevisiae Desm.
In superficie cerevisiae, cujus aciditatem generat.

195. HORMISCIUM Kunze

H. Vini Kunze
In fructibus variis, in quibus fermentationem alcoholicam generat.

H. Cerevisiae Bail
In hordeo germinante, in quo fermentationem alcoholicam generat.

196. SEPTONEMA Cda

S. Vitis Lév.
In foliis putrescentibus Vitis viniferae *a Selva* agri Tarvisini, autumno.

197. CYLINDRIUM Bon.

C. elongatum Bon.

Tab. nostra XVI. f. 52.

In foliis dejectis udis Quercuum in sylvis Tarvisinis.

Obs. Articuli cylindraceo-fusoidei, 15 micr. longi, medio 2 micr. crassi, apicibus 1 ½ micr. albo-hyalini, utrinque 1-guttulati.

C. fungorum Sacc. (species nova).

Tab. nostra XVI. f. 53.

Caespitulis parvis candidis; floccis erectis pluri-articulatis; articulis perfecte cylindricis 12-15 micr. longis, 2 crassis, albo-hyalinis, utrinque 1-guttulatis.

In Hydno compacto marcescente in sylva *Montello,* autumno.

198. SPILOCAEA Fr.

S. Pomi Fr.

In pomis vegetis, in quorum epicarpio maculas latiusculas sistit.

199. TORULA Pers.

T. aurea (Lk.) Cda

In subere udo Patavii, hieme.

T. candida (Wallr.) Opiz

In fungis lignosis putrescentibus *Montello,* Patavii.

T. fructigena Pers.

In fructibus Pyri, Persicae etc. putridis frequens in agro Tarvisino et Patavino.

T. Uredinis (Lk.) Fr.

Cum Uredine in pagina inferiore Ruborum in sylva *Montello,* frequens, autumno. — Dubius fungus!

T. herbarum Lk.

In caulibus foliisque plantarum in agro Tarvisino et Patavino, frequens.

T. Celtidis Biv. (?)

In pagina inferiore foliorum Celtidis australis *a Selva* agri Tarvisini, autumno.

T. Tuberculariae Nees

In Tuberculariis ad ramos Mori nigrae *a Vittorio* agri Tarvisini.

T. Sporendonema B. et Br. — Sporendonema Casei Desm. Heufl. Crypt. Ven. 75.

In caseo frequens.

T. Hippocrepis Sacc. (species nova).

Tab. nostra XVI. f. 46-48.

Caespitulis hypophyllis, gregariis, dein confluentibus maculasque pulveraceas atras sistentibus; floccis aggregatis, primitus inter se complexis, denique liberis, ferri equini ad instar recurvatis, extremitatibus adscendentibus attenuatis, deorsum incrassatis, crebre articulatis; articulis seu conidiis tereti-cuboideis, atris, extimis angustioribus, longioribus, subdiaphanis. — Flocci integri e 30-40 articulis constantes, 90-110 micr. longi, parte crassiori 7 micr. crassi, extremitatibus 4 micr.

In foliis Crataegi Oxyacanthae in sylva *S. Marco* agri Tarvisini, socia *Septoria Oxyacanthae* et in foliis Mespili germanicae *a Selva,* autumno.

200. SPEIRA Cda

S. toruloides Cda

In ligno udo et foliis coriaceis putrescentibus *a Selva* agri Tarvisini, autumno.

201. MELANCONIUM Link

M. microspermum Nees

In ramis emortuis Hederae Helicis Patavii.

Obs. Conidia ellipsoidea, 6 – 5, fuliginea, 2-pluri-guttulata.

202. CONIOTHECIUM Cda

C. atrum Cda

In asseribus et trabibus frequens in agro Patavino.

203. PAPULARIA Fr.

P. Arundinis (Corda) Fr. (?)

Tab. nostra XVI. f. 49-51.

In culmis Arundinis Donacis dejectis, udis, Tarvisii, Patavii, autumno seriore et hieme, frequens.

Obs. Conidia in acervulos elongatos secus fibras culmorum parallele seriatos digesta, pseudostromate lutescenti insidentia, crasse lenticularia ambitu circularia v. subangulosa (7 micr. lata, 4 crassa), juniora ferruginea, matura luce directa aterrima, nitentia, luce refracta obscure olivascentia prope marginem zona angustissima dilutiore cincta, centro saepius 1-guttulata.

204. HELICOSPORIUM Nees

H. obscurum Corda

In ramis dejectis putrescentibus juglandinis Patavii, et salignis *a Selva,* per annum.

Obs. Flocci erectiusculi, deorsum crassiores, crebrius septati, atri, sursum exquisite circinati, tenuiores, remotius septati, dilutiores.

H. pulvinatum Pers.

In ligno carioso udo *a Selva* agri Tarvisini, autumno.

205. STEMPHYLIUM Wallr.

S. botryosum Wallr.

In ramulis corticatis emortuis Rhamni cathartici *a Selva* agri Tarvisini, autumno, raro.

206. STILBOSPORA Pers.

S. microsperma Pers.

Heufl. Crypt. Ven. 75.

In ramis fagineis et querneis in agro Veronensi (Poll. Ver. III. 755).

Obs. In herbario Polliniano adsunt specimina inscripta « Stilbospora microsperma, in fago » sed haec sistunt Cucurbitariam Laburni in ipsis ramis Cytisi Laburni nascentem.

207. HELMINTHOSPORIUM Link

H. macrocarpum Grev.

In ramis emortuis Carpini Betuli Patavii et Tarvisii.

Obs. Conidia elongato-clavata 50-60 long. 7-8-articulata, badia.

H. velutinum Link

In ramulis dejectis Patavii et Tarvisii praecipue Coryli.

Obs. Sporidia magna, 4-5 septata, basi attenuato-stipitata, 30 ⌣ 14.

H. obovatum Berk.

In ramis emortuis Alni glutinosae cum Hypoylo fusco Patavii.

Obs. Conidia obovato-pyriformia, 15 ⌣ 10, 3-locularia, loculo inferiore hyalino, caeteris fuligineis.

208. SEPTOSPORIUM Corda.

S. bulbotrichum Corda

In caule et foliis emortuis Aloum Patavii, autumno.

209. CERCOSPORA Fres.

C. ferruginea Fuck.

In pagina inferiore foliorum Artemisiae vulgaris *a Selva* agri Tarvisini, autumno.

C. penicillata Fres.

In foliis Viburni Opuli et Sambuci nigrae *a Selva* agri Tarvisini, autumno.

C. radiata Fuck.

In foliis Galegae officinalis *a Selva* agri Tarvisini, autumno.

210. CLADOSPORIUM Link

C. epiphyllum Nees

In foliis dejectis frequens in agro Tarvisino et Patavino.

C. graminum Lk.

Ad folia et in glumis plurium graminum in agro Tarvisino, aut.

C. fasciculatum Cda

In culmis Scirpi palustris *a Selva* agri Tarvisini, autumno.

211. SPOROCYBE Fr.

S. byssoides (Pers.) Fr.

In caulibus herbaceis et ramulis ligneis Patavii et Tarvisii.
Obs. Forte status conidicus Leptosphaeriae Dolioli.

212. TRIPOSPORIUM Cda

T. elegans Cda

In ligno querneo emarcido sylvae *Montello,* autumno.

213. ARTHROBOTRYUM Ces.

A. atrum Berk. et. Br.

In ramulis putrescentibus, praesertim salignis, *a Selva* agri Tarvisini, autumno.

214. ZYGODESMUS Cda

Z. fuscus Cda

In ligno emarcido quercino sylvae *Montello*, autumno.

215. MACROSPORIUM Fr.

M. commune Rabh.

In foliis variarum plantarum in agro Tarvisino et Patavino.

M. Sarcinula Berk.

In foliis Ligustri, Corni etc. in sylva *Montello*.

Obs. Haec et praecedens species sunt verisimiliter status macroconidici Pleosporae herbarum.

216. EPOCHNIUM Link

E. fungorum Fr.

Tab. nostra XVI. f. 54-55.

In fungis variis putrescentibus in sylva *Montello*.

Obs. Forte status conidiophorus Sphaeriae Epochnii B. et Br.

217. ARTHRINIUM Kze et Schm.

A. puccinioides K. et S.

In foliis emortuis caricinis *a Selva* agri Tarvisini, autumno.

218. FUSICLADIUM Bon.

F. dendriticum (Wallr.) Fuck.

In pagina superiore foliorum Pyri Mali *a Sela* agri Tarvisini, autumno.

219. SPOROTRICHUM Link

S. calcigenum Lk.

Ad parietes calce illinitos udos in calidariis Patavii, eosque late nigrificans.

S. roseum Link

In Fistulina hepatica putrescente in sylva *Montello* et in fructibus putridis *Conegliano*.

S. aureum (Pers.) Fr.

In foliis dejectis putrescentibus Patavii.

S. virescens Link

Ad ligna scissa uda in agro Patavino et Venetiarum, frequens.

S. olivaceum Link

In culmis arundinaceis putrescentibus udis Patavii.

Obs. Flocci obscure olivacei, septati, asperuli; sporidia rotunda concoloria.

220. PENICILLIUM Link

P. glaucum Link — P. crustaceum Fr.

Heufl. Crypt. Ven. 75.

In plantis, fungis, fructibus etc. in toto agro Veneto, nimis frequens.

221. COREMIUM Link

C. vulgare Cda.

In fructibus Pyri corruptis, hieme frequens.

222. MONILIA Hill

M. digitata Pers.

Heufl. Crypt. Ven. 75.

Ad fructus Citri Limonii putridos Patavii et Tarvisii, frequens; ad fructus putridos in agro Veronensi (Poll. Ver. III. 553) et Venetiarum (Nacc. Ven. VI. 4).

Obs. Sporidia in catenas longas digesta, ellipsoidea, 5 ∽ 3, primo hyalina dein glauco-viridia.

223. BRIAREA Corda

B. aurea Fuck.

Tab. nostra XVII. f. 1-4.

In Agaricis putridis cum Sepedoniis in sylva *Montello*, rarius.

Obs. Sporidia ellipsoidea longit. striatula, majuscula, primo alba dein amoene crocea, non contigua, sed apiculo v. sterigmate moniliformiter connexa.

224. ASPERGILLUS Mich.

A. glaucus (Sow.) Link

— v. *ramosus.*

In omnibus substantiis organicis putrescentibus udis copiose in toto agro Veneto.

A. candidus Link

In fungis putrescentibus Patavii, *Selva* etc.

Obs. Colore et parvitate sporidiorum ab A. glauco distinguitur.

A. sterigmatophorus Sacc. (species nova).

Tab. nostra XVII. f. 5-8.

Candidus, sparsus; floccis fertilibus simplicibus, cylindricis, superne obscure 2-3-septatis capitulo sphaerico, celluloso terminatis; cellulis capituli periphaericis ramulos conidiophoros di-trichotomos gerentibus; catenulis ex conidiis subsenis conflatis apiceque ramulorum insertis; conidiis perfecte sphaericis (diam. ca 6 micr.) non contiguis, sed pedicellis seu sterigmatibus tenuissimis connexis.

Legi unica vice in caryopsidibus Maydis corruptis, udis, Patavii, decembri.

Obs. Affinis *A. dubio* Cda, quocum forte novum genus constituere poterit, sed ab eo abunde differt sporophoris bis di-trichotomis, nec simpliciter umbellatim 4-ramulosis; sporidiis sphaericis nec obovatis et praecipue per sterigmata invicem connexis.

A. flavus (Pers.) Lk.

Ad salicum truncos *a Pestrino* in agro Veronensi (Poll. Ver. III. 553 sub Monilia aurea Pers.).

225. NEMATOGONIUM Desm.

N. aurantiacum Desm.

In cortice arborum Patavii, decembre.

Obs. Flocci apice incrassati, sporidiaque majuscula ovoidea aurantio-rubella.

226. BOTRYTIS Link

B. acinorum (Pers.) Fres.

In acinis uvae marcescentibus frequens.

B. carnea Schum

In lignis putridis humifusis *a Vittorio, Selva,* in agro Tarvisino.

Obs. Status conidiophorus Hypomycis rosei (Pers.) Fuck., secundum Fuck.

B. terrestris Pers.

Ad terram in agro Tarvisino et Patavino.

B. Bassiana Bals.

In larvis *Bombycis Mori,* quibus morbum afficit vulgo dictum *.il Calcino o Moscardino.*

B. umbellata (Bull.) DC.

Heufl. Crypt. Ven. 75.

Ad caules, folia, fructus putrescentes in agro Veronensi, Patavino et Venetiarum.

227. HAPLOTRICHUM Link

H. pullum (Fr.) Bon

Frequens in caulibus herbaceis putrescentibus, quos agmine denso obscure glauco tegit, in agro Patavino et Tarvisino.

Obs. Sporidia late ellipsoidea, 12 - 9, grisea; stipites parce et obsolete septati, inferius saturatius colorati, sursum subhyalini; capitula lobulata.

228. TRICHOTHECIUM Link

T. roseum (Bull.) Fr.

Heufl. Crypt. Ven. 75.

In ramis dejectis udis, praecipue populneis, in agro Tarvisino, Patavino, Vicetino et Venetiarum.

229. VERTICILLIUM Nees

V. apicale B. et Br.

In cortice ramorum emortuorum Patavii et Tarvisii, autumno.

V. lateritium (Ehrh.) Rabh.

In capsulis dejectis Aesculi Hippocastani Patavii autumno.

Obs. Sec. Cooke British Fung. 635 est status conidicus Acrostalagmi cinnabarini Corda, qui, ut vidimus, est status alter (macroconidicus) Trichosphaeriae erythrellae (Wallr.) Fuck.

V. epimyces B. et Br.

In *Clavaria formosa* et in *Tuberculariis* udis in sylva *Montello* et Patavii.

Obs. Album, saltim initio, ramulis ternatis v. binatis sursum conspicue attenuatis; sporidia alba oblonga, majuscula.

230. RAMULARIA Ung.

R. Urticae Ces.

In foliis Urticae dioicae *a Selva* agri Tarvisini, autumno.

II. GYMNOMYCETEAE Fr.

231. HYPHELIA Fr.

H. terrestris Fr.

Ad terram udam, umbrosam frequens.

232. HYPHODERMA Fr.

H. roseum (Pers.) Fr.

In cortice arborum v. g. Pyri in agro Patavino et Venetiarum (Nacc. Ven. VI. 103).

233. MYROTHECIUM Tode

M. Verrucaria (A. S.) Fr.

In fimo vaccino *a Costa* prope *Vittorio* agri Tarvisini.
Obs. Conidia ovata, copiosissima, olivascentia.

234. ISARIA Pers.

I. corallina Fr.

In larvis putrescentibus Lepidopterorum *a Selva* agri Tarvisini.
Obs. Colore totius fungi vinoso, stipite subtiliore, nec non conidiis roseis elliptico-subrotundis (neque elongatis) facile distinguitur ab *I. farinosa*.

I. epiphylla Pers.

In foliis Plantaginis majoris *a Selva* agri Tarvisini.
Obs. Conidia ovato-subrotunda alba.

235. STYSANUS Corda

S. Stemonitis (Pers.) Corda

In truncis dejectis marcescentibus Patavii, decembre.
Obs. Flocci sporiferi atri e pluribus tubulis transverse septatis, coalitis constantes ideoque firmi, et longitudinaliter striati. Conidia ellipsoidea, glaucescentia.

236. GRAPHIUM Corda

G. macrocarpum Corda

Ad truncos dejectos udos Patavii, januario.
Obs. Stipites rigidi, atri, septati, laeves, basi conspicue cellu-

loso-incrassati, apice radiatim divisi et in capitula sphaeroidea, primo gelatina alba obvoluta desinentes. Conidia oblonga, subfalcata 3-4-septata, fusca stipitis ramulis suffulta.

237. OEDOCEPHALUM Preuss

Oe. elegans Preuss

Ad acervulos Tuberculariae vulgaris in ramis Robiniae, Patavii, martio.

Obs. Flocci fortiles 1/4 mill. longi, obsolete septati, cylindracei, sursum parum attenuati apice in vesiculam verrucosam sporophoram desinentes; sporidia maxima, 25 - 12, ovoidea pallide rosea, vesicae per sterigmata brevissima haerentia, capitulumque subsphaericum efformantia.

238. FUSARIUM Link

F. ciliatum (A. S.) Link

Tab. nostra XVII. f. 9.

Ex ostiolis Massariae inquinantis in ramis Aceris campestris Patavii, januario.

Obs. Capitula sphaeroidea, subsessilia, primo albida dein aurantio-rubra, disco saepe nudo sed interdum setoso. Conidia bacillaria (micr. 80 - 2) hyalino-rosea, 3-5-septata, lenissime incurva, matura sursum subclavata.

F. Sphaeriae Fuck.

Tab. nostra XVII. f. 12.

In ostiolis peritheciorum Valsariae insitivae in ramis Ulmi campestris *a Selva* agri Tarvisini, aprili.

Obs. Tuberculi minuti versiformes, carnei; conidia fusiformia, curvata, utrinque obtuse attenuata, 5-6-septata, hyalina, 60-70 - 5.

F. Salicis Fuck.

Tab. nostra XVII. f. 11.

Ex ostiolis Valsae salicinae in ramulis Salicis vitellinae Patavii, martio.

239. STILBUM Tode

S. byssinum Pers.

Heufl. Crypt. Ven. 75.

In foliis Verbascorum in agro Veronensi et Venetiarum (Poll. et Nacc.).

240. FUSISPORIUM Link

F. Ricini Béreng. Critt. Ric. cum tab., Veron. 1866.

In agro Veronensi in caulibus Ricini communis cui perniciosum morbum affert.

241. BACTRYDIUM Kze et Schm.

B. flavum K. et. S.

In ligno carioso udo *a Selva* agri Tarvisini, autumno.

242. POLYNEMA Lév.

P. hispidulum (Schrad.) Fr.

Tab. nostra XVII. f. 16.

In ligno denudato quercuum, castanearum, robiniarum etc. in agro Tarvisino, Patavino et Veronensi, frequens.

Obs. Conidia elongato fusoidea curvata, 14 - 1 1/2, byalina pluriguttulata, extremitatibus breve et oblique setigera.

P. decipiens (DNtrs sub Excipula d.) Sacc.

Tab. nostra XVII. f. 17.

In ramis emortuis quercinis in sylva *Montello* agri Tarvisini, et in ramis decorticatis Carpini Betuli ibique.

Obs. Conidia fusoidea, inaequilateralia, curvula, 6 - 2, byalina, extremitatibus setis longis 6 micr. ad angulum rectum divergentibus aucta.

P. strigosum Fr.

Ad culmos et folia exarida Graminum in agro Tarvisino et Patavino.

243. LEPTOSTROMA Fr.

L. Pinastri Desm.

In foliis dejectis Pini sylvestris *a Selva* agri Tarvisini.

Obs. Spermatia ovoidea hyalina 7 - 4. Verisimiliter status spermogonicus Lophodermii Pinastri (Schrad.) Chev.

244. CORYNEUM Nees

C. Tecomae Sacc. (species nova).

Tab. nostra XVII. f. 20-21.

Caespitulis planiusculis, subrotundis v. angulosis, diam. 1/4 mill., epidermide laciniatim rupta cinctis; conidiis fusiformibus 5-septatis, loculis extimis acuminatis, hyalinis, caeteris obscure ferrugineis, longe hyalino-stipitatis, micr. 25 - 10, (sine stipite).

In ramulis Tecomae radicantis Patavii.

Obs. Affine *Coryneo microsticto* B. Br. sed conidia 5-septata non 2-3-septata: habitus Hedersoniae, sed perithecium genuinum nullum.

C. microstictum Berk. et Br.

Tab. nostra XVII. f. 18-19.

In ramis Rosae centifoliae et Rubi fruticosi languidis Patavii, februario.

Obs. Conidia subpyriformia, tota obscure ferruginea, longe hyalino-stipitata, micr. 18 - 7 (sine stipite).

245. EPICOCCUM Link

E. versicolor Rabh.

In foliis Iridum, Calycanthi atque in ramis decorticatis, Patavii.

Obs. Sporidochium convexum purpureum; conidia globosa, ferrugineo-atra, reticulata et simul punctata, brevissime stipitata.

E. neglectum Desm.

In foliis emortuis Zeae Maydis in agro Tarvisino, autumno.

246. VERMICULARIA Fuck.

V. Eryngii (Cda) Fuck

In caulibus petiolisque exsiccatis Eryngii campestris in agro Veronensi Patavino et Tarvisino.

V. trichella Fr.

In foliis Hederae Helicis *a Valdobbiadene, Selva* etc. agri Tarvisini.

V. Dematium (Pers.) Fr.

In caulibus herbaceis, ex. gr. Amaranthorum, Phragmitis, Dianthi etc. in agro Tarvisino et Patavino.

III. PHYLLOSTICTEAE Fr.

247. CONIOTHYRIUM Cda

C. olivaceum Bon. in Fuck. Symb. myc.

In ramulis Philadelphi coronarii emortuis *a Selva,* aut.

248. PHOMA Desm.

Ph. strobiligena Desm.

In strobilis Abietis et Pini sylvestris in agro Tarvisino et Patavino.

Ph. penicillata Fuck.

In caulibus Medicaginis sativae *a Selva* agri Tarvisini.

Ph. Samararum Desm.

In samaris Fraxini et Paliuri in agro Veronensi et Tarvisino.

Ph. Leguminum West.

In leguminibus dejectis Lathyri, Robiniae et Gleditschiae.
Status sec. Fuck Pleosporae Leguminum Rabh.

Obs. Ex hoc genere v. ex Coniothyrio species plus minus inter se varias legi in ramis Gleditschiae, Lonicerae,

Lauri, Sterculiae, Populi, Tamaricis, Evonymi, Sambuci, Meliloti, Salicum, Wisteriae, Carpini, Aesculi, Viburni, Hederae, Pyri, Rosae, Artemisiae vulg., Gei, Sedi, Convolvuli, Urticae, in petiolis Ailanthi, in foliis Magnoliae grandiflorae.

249. DARLUCA Cast.

D. Filum **Cast.**
In consortio Uredinum fere omnium in toto agro Veneto

250. DEPAZEA Fr.

D. geicola **Fr.**
In foliis Gei urbani in agro Tarvisino, autumno.

D. rhamnicola **Lasch**
In foliis Rhamni cathartici in agro Tarvisino, autumno.

D. Oenotherae **Lasch**
In foliis Oenotherae biennis in agro Tarvisino, autumno.

D. areolata **Fuck.**
In foliis Rubi fruticosi in agro Tarvisino, autumno.

D. ribicola **Fr.**
In foliis Ribis Grossulariae in agro Tarvisino, autumno.

D. syringicola **Lasch**
In foliis Syringae vulgaris in agro Tarvisino, autumno.

D. vagans **Fr.**
In foliis Lamiorum, Urticarum in agro Tarvisino, aut.

D. balloticola **Fr.**
In foliis Ballotae nigrae in agro Tarvisino, autumno.

D. betícola DC.
In foliis Betae vulgaris in agro Tarvisino, autumno.

D. brassicicola Fr.
In foliis Brassicae oleraceae in agro Tarvisino, aut.

D. malvicola Fr.
In foliis Malvae sylvestris in agro Tarvisino, autumno.

D. succisicola Opiz
In foliis Succisae pratensis in agro Tarvisino, autumno.

D. Vincae Fuck.
In foliis Vincae minoris in agro Tarvisino, autumno.

D. buxicola Fr.
In foliis Buxi sempervirentis in agro Tarvisino, aut.

D. Caprifolii Opiz
In foliis Lonicerae Caprifolii in agro Tarvisino, aut.

D. fagicola Fr.
In foliis Fagi sylvaticae in agro Tarvisino, autumno.

D. juglandina Fr.
In foliis Juglandis regiae in agro Tarvisino, autumno.

D. tremulicola DC.
In foliis Populi tremulae in agro Tarvisino, autumno.

D. populina Fuck.
In foliis Populi nigrae in agro Tarvisino, autumno.

D. aesculicola Fr.
In foliis Aesculi Hippocastani in agro Tarvisino, aut.

D. prunicola Opiz
In foliis Pruni domesticae et Cerasi in agro Tarvisino, autumno.

D. Vincetoxici Schub.
In foliis Cynanchi Vincetoxici in agro Tarvisino, aut.

251. ASCOCHYTA Lib.

A. maculans Fuck.
In foliis Hederae Helicis in agro Tarvisino, autumno.

A. Ebuli Fuck.
In foliis Sambuci Ebuli in agro Tarvisino, autumno.

A. Polygoni Rabh.
In foliis Polygoni Persicariae in agro Tarvisino, aut.

A. Cannabis Lasch
In foliis Cannabis sativae in agro Tarvisino, autumno.

A. Dulcamarae Lasch
In foliis Solani Dulcamarae in agro Tarvisino, autumno.

A. Epilobii Rabh.
In foliis Epilobii hirsuti et parviflori in agro Tarvisino, autumno.

A. Viburni Lasch
In foliis Viburni Lantanae in agro Tarvisino, autumno.

A. Aceris Lib.
In foliis Aceris campestris in agro Tarvisino, autumno.

A. Rubi Lasch
In foliis Rubi caesii in agro Tarvisino, autumno.

A. Plantaginis Ces.
In foliis Plantaginis majoris in agro Tarvisino, aut.

A. Armoraciae Fuck.
In foliis Armoraciae rusticanae in agro Tarvisino, aut.

A. Medicaginis Fuck.
In foliis Medicaginis sativae in agro Tarvisino, autumno.

A. Hyperici Lasch
In foliis Hyperici perforati in agro Tarvisino, autumno.

A. Robiniae Lib.
In foliis Robiniae Pseudacaciae in agro Tarvisino, aut.
Obs. Hujus generis formas alias legi in foliis Scrophulariae nodosae, Epimedii alpini, Phaseoli vulgaris, Circaeae lutetianae, Senecionis Jacobeae, Cytisi nigricantis, Ulmi campestris, Ligustri vulgaris, Celtidis australis, Carpini Betuli, omnes in agro Tarvisino.

252. PHYLLOSTICTA Pers.

Ph. vulgaris Desm.
In foliis Lonicerae Xylostei in agro Tarvisino autumno.

Ph. Cytisi Desm.
In foliis Cytisi Laburni in agro Tarvisino, autumno.

253. SEPTORIA Fr.

S. Cheiranthi Desm.
In foliis Cheiranthi Cheiri in agro Tarvisino, autumno.

S. Potentillarum Fuck.
In foliis Potentillae repentis in agro Tarvisino, aut.

S. sparsa Fuck.
In foliis Potentillae repentis in agro Tarvisino, aut.

S. Epilobii West.
In foliis Epilobii parviflori in agro Tarvisino, autumno.

S. scabiosicola Desm.
In foliis Scabiosae arvensis in agro Tarvisino, autumno.

S. Hepaticae Desm.
In foliis Hepaticae trilobae in agro Tarvisino, autumno.

S. Astragali Desm.
In foliis Astragali Glycyphylli in agro Tarvisino, aut.

S. Dulcamarae Desm.
In foliis Solani Dulcamarae in agro Tarvisino, autumno.

S. Rhamni cathartici Ces.
In foliis Rhamni cathartici in agro Tarvisino autumno.

S. Convolvuli Desm.
In foliis Convolvuli arvensis in agro Tarvisino, autumno.

S. Calystegiae West.
In foliis Calystegiae sepium in agro Tarvisino, autumno.

S. Sii Desm.
In foliis Sii angustifolii in agro Tarvisino, autumno.

S. Violae Rabh.
In foliis Violae odoratae in agro Tarvisino, autumno.

S. Clematidis Desm.
In foliis Clematidis Vitalbae in agro Tarvisino, autumno.

S. Chenopodii West.
In foliis Chenopodii albi in agro Tarvisino, autumno.

S. Fraxini Fr.
In foliis Fraxini Orni in agro Tarvisino, autumno.

S. Lichnidis Klotsch
In foliis Lychnidis dioicae in agro Tarvisino, autumno.

S. Evonymi Rabh.
In foliis Evonymi europaei in agro Tarvisino, autumno.

S. Ranunculacearum Lév.
In foliis Ranunculi acris in agro Tarvisino, autumno.

S. Tormentillae West.
In foliis Tormentillae erectae in agro Tarvisino aut.

S. Sorbi (Ces.) Fuck.
In foliis Sorbi Ariae in agro Tarvisino, autumno.

S. Hederae Desm.
In foliis Hederae Helicis in agro Tarvisino, autumno.

S. Viburni West.
In foliis Viburni Opuli in agro Tarvisino, autumno.

S. populi Desm.
In foliis Populi nigrae in agro Tarvisino, autumno.

S. Lysimachiae West.
In foliis Lysimachiae vulgaris in agro Tarvisino, aut.

S. Senecionis West.
In foliis Senecionis nemorensis in agro Tarvisino, aut.

S. Dianthi Desm.
In foliis Dianthi barbati et saxifragi in agro Tarv., aut.

S. Stemmatea (Fr.) Berk.
In foliis Vaccinii Vitis idaeae in agro Tarvisino, aut.

S. Medicaginis Desm.
In foliis Medicaginis sativae in agro Tarvisino, autumno.

S. Oxyacanthae Kze
In foliis Crataegi Oxyacanthae in agro Tarvisino, aut.

S. Graminum Desm.
In foliis plurium Graminum in agro Tarvisino, autumno.

Obs. Ex hoc genere formas alias legi in foliis Coronillae Emeri, Alismatis Plantaginis, Andropogonis Ischaemi, Asari europaei, Sambuci nigrae, Zizyphi vulgaris, Rubi fruticosi, Lathyri sylvestris, Cucurbitae Peponis, omnes in agro Tarvisino, autumno.

254. MORTHIERA Fuck.

M. Mespili (DC.) Fuck.

Epigena in foliis Mespili germanicae *a Selva* in agro Tarvisino, autumno.

255. ACTINONEMA Fr.

A. Rosae Fr.

Epigena in foliis Rosae centifoliae in agro Tarvisino, aut.

IV. SPHAEROPSIDEAE Fr.

256. PESTALOZZIA DNtrs

P. monochaeta Desm.

Tab. nostra XVII. f. 25.

In folis exsiccatis Quercus pedunculatae et Castaneae vescae in agro Tarvisino, autumno.

Obs. Conidia fusoidea, obliqua, 4-locularia, loculis 2 interioribus fuscis, 2 extimis hyalinis, 10 ∽ 4; stipes hyalinus longus 20, rostellum 6 longum.

P. funerea Desm.

Tab. nostra XVII. f. 26.

In foliis dejectis Pini sylvestris et Thujae orientalis *a Selva* agri Tarvisini.

Obs. Conidia fusoidea, 5-locularia, loculis 3 interioribus fuscis, 2 extimis hyalinis, 35 ∽ 8; stipes brevis; rostella 5 patenti-recurva, hyalina, 15 long.

P. herbicola Sacc. (species nova).

Tab. nostra XVII. f. 27.

Acervulis convexo-planis, erumpentibus; conidiis fusoideis 5-locularibus, loculis 3 interioribus fuscis, guttulatis, 2 extimis hyalinis, 25 - 6, stipite hyalino, 10 longo; rostellis 3 patentissimis, hyalinis, 15 longis.

In foliis exsiccatis Stellariae Holosteae et Galii sylvatici in sylva *Montello* agri Tarvisini.

P. pezizoides DNtrs

Tab. nostra XVII. f. 28.

In sarmentis Vitis dejectis *a Selva* agri Tarvisini.

Obs. Conidia fusoidea, 5-locularia, loculis interioribus fuscis, extimis hyalinis, 40 - 8; stipes praelongus 50-60 - 1 ½; rostella 5-7 patentia, brevia.

257. HENDERSONIA Mont.

H. macrospora Berk. et Br.

Tab. nostra XVII. f. 24.

Sub cortice ramulorum juniorum Sambuci nigrae, Patavii.

Obs. Stylosporae elongato-fusoideae, 30 - 6, 6-8-septatae, lutescentes.

H. vagans Fuck.

In cortice ramorum plurium arborum in provincia Patavina et Tarvisina.

H. Robiniae West.

In ramulis Robiniae Pseudoacaciae, Patavii, Tarvisii.

Obs. Verisimiliter status pycnidicus Cucurbitariae elongatae.

H. elegans Berk.

In culmis Zeae Maydis dejectis, Patavii, martio.

Obs. Stylosporae elongato-fusoideae, majusculae, 10-12-septatae, fuscae.

H. graminicola Lév.

In culmis Phragmitis communis in agro Tarvisino, aut.

H. foliorum Fuck.

In foliis Cydoniae *a Selva* agri Tarvisini, autumno.

H. sarmentorum West.

In ramulis Hederae Helicis dejectis, Patavii.

Obs. Stylosporae ellipsoideae, 3-septatae, brunneae, 10 - 5.

H. pulchella Sacc. (species nova).

Tab. nostra XVII. f. 22-23.

Peritheciis sparsis, nigris, hemisphaericis, papillulatis, diam. 1/2 mill.; stylosporis lanceolatis, 20 - 7, primo 1-septatis, denique 4-5-septatis, ad septa constrictis, muriformibusque fusco-lutescentibus.

In ramulis Philadelphi coronariae Patavii vere.

H. Corni Fuck.

In ramis Corni sanguineae in agro Tarvisino et Patavino.

258. DIPLODIA Fr. (1).

D. viticola Desm.

In ramis dejectis putrescentibus Vitis viniferae in agro Tarvisino et Patavino.

D. Rosae Fr.

In ramis Rosae centifoliae in agro Tarvisino et Patavino.

D. Pruni Fuck.

In ramis Pruni domesticae Patavii, Tarvisii etc.

Obs. Status pycnidicus Cucurbitariae Pruni (Fuck. sub Otthia) sec. Fuck.

D. Siliquastri Pass.

In ramulis Cercidis Siliquastri Patavii.

(1) Diplodiae species legi quoque in ramis Thuiae, Tecomae, Sophorae, Ribis, Lonicerae Caprif., Magnoliae grandiflorae (et in ejusdem foliis), Chymonanthi, Jasmini officinalis.

D. Pseudo-diplodia Fuck.
In ramulis Pyri communis et Pyri Mali Patavii et Tarvisii.

D. Crataegi Fuck.
In ramis Crataegi Oxyacanthae in agro Tarvisino.

D. Mori Berk.
In ramis Mori albae et nigrae Patavii et Tarvisii.

D. Fraxini Fr.
In ramis fraxineis in agro Patavino et Tarvisino.

D. Coryli Fuck.
In ramis Coryli Avellanae Tarvisii et Patavii, frequens.
Obs. Status pycnidicus Cucurbitariae Coryli (Fuck. Otthia) secundum Fuck.

D. Lantanae Fuck.
In ramulis Viburni Lantanae in agro Patavino et Tarvisino.

D. melaena Lév.
In ramis Ulmi campestris in agro Tarvisino et Patavino.
Obs. Status pycnidicus Cucurbitariae naucosae (Fr.) Fuck.

D. Syringae Auersw.
In ramulis Syringae vulgaris Patavii et Tarvisii.

D. Aesculi Lév.
In ramis Aesculi Hippocastani Patavii.

D. Evonymi Fuck.
In ramis Evonymi europaei *a Selva* et Evonymi chinensis Patavii.

D. Mamillana Fr.
In ramulis Corni sanguineae Patavii et Tarvisii.

D. Juglandis Fr.
In ramis Juglandis regiae Patavii.
Obs. Status pycnidicus Cucurbitariae Juglandis Fuck.

D. populina Fuck.

In ramis Populi nigrae et italicae Patavii et Tarvisii.
Obs. Est status Cucurbitariae (Otthiae) populinae (Pers.) Fr.

D. Hederae Fuck.

In caulibus dejectis Hederae Patavii et Tarvisii. Similem legi quoque in ejusdem foliis.

D. Mamma Fuck.

In ramulis ligustrinis *a Selva,* autumno.

D. Malorum Fuck.

In fructibus putrescentibus Pyri communis *a Selva,* aut.

D. Rubi Fr.

In ramis Rubi fruticosi Patavii et Tarvisii.
Obs. Est status pycnidicus Didymosphaeriae Rubi Fuck.

D. Dianthi Ces. (?)

In caulibus Dianthi Caryophylli Patavii.
Obs. Perithecia cylindraceo-conica, majuscula, atra; stylosporae didymae fuscae, medio vix constrictae, 18 ~ 12. — Est status pycnidicus Cucurbitariae Dianthi (Ces.) DNtrs.

D. conigena Desm.

In squamis putrescentibus strobilorum Coniferarum Patavii et Tarvisii.

D. Yuccae West.

In foliis putrescentibus Yuccae gloriosae Patavii et Tarvisii.

D. herbarum Lév.

In caulibus Lappae minoris, Lilii candidi aliarumque herbarum Patavii et Tarvisii.

D. arundinacea Dur. (?)

In culmis Arundinis Donacis dejectis Patavii.
Obs. Perithecia sphaeroidea exsquisite papillata, atra, aggregata; stylosporae didymae, fuscae, 20 ~ 12, medio vix constrictae.

D. Zeae Lév.
In culmis Zeae Maydis Patavii.

259. ACTINOTHYRIUM Kze et Schm.

A. Graminis K. et. S.
In vaginis Holci lanati in sylva *Montello*, autumno.

260. SPHAEROPSIS Lév.

S. longissima (Pers.) Fr.
Heufl. Crypt. Ven. 75.
In caulibus Chenopodiorum in agro Tarvisino et Venetiarum.

S. melaena Fr.
In caulibus Astragali Glycyphylli *a Selva* agri Tarvisini, autumno.

S. caulincola (Wallr.) Fuck. (?)
In caulibus Hemerocallidis fulvae *a Selva*, autumno.

S. leucostigma Lév.
In foliis Evonymi chinensis *a Selva*, autumno.

V. DICHAENACEAE Fr.

261. PSILOSPORA Rabh.

P. faginea Rabh.
Heufl. Crypt. Ven. 75.
In cortice vegeta Fagi sylvaticae in agro Tarvisino et Vicetino, frequens.

P. Quercus Rabh., Fuck.
In cortice vegeta laevigata Quercuum in agro Tarvisino, frequens.

VI. MYCELIA STERILIA.

262. XYLOSTROMA Tode

X. Corium Pers.

Heufl. Crypt. Ven. 76.

In truncorum emortuorum fissuris in agro Tarvisino, Patavino et Venetiarum.

263. OZONIUM Link

O. auricomum Lk.

In ligno putrescente Patavii.

264. DEMATIUM Link

D. Aluta Lk.

Intra arbores cavas in sylva *Cansiglio* (Bérenger!).

265. SCLEROTIUM Tode

S. Pustula DC.

In foliis Quercuum emortuis in sylva *Montello* et in sylvaticis Veronensibus.

APPENDIX

266. ERINEUM Pers.

Obs. Etsi Erinea mera exanthemata sint exorta ex anamorphosi cellularum superficialium foliorum, tamen quum auctores multi inter fungos enumeraverunt, hic, quasi curiositatis causa, traduntur.

E. nervisequum Kze

In epipyllo foliorum Fagi juxta nervos secundarios, in sylva *Cansiglio* (Bérenger!).

E. fagineum Pers.

In hypophyllo Fagi in sylva *Cansiglio* (Bérenger!).

E. alneum Pers.

In foliis Alni glutinosae in toto agro Tarvisino, vulgare.

E. populinum Pers.

In foliis Populi nigrae in agro Tarvisino (Bérenger!).

E. tiliaceum Pers.

In foliis Tiliae europeae *a Portobuffolè* in agro Tarvisino (Bérenger!).

E. dryinum Schlechtd.

In foliis Quercus pedunculatae in sylvis *a Tarzo* agri Tarvisini (Bérenger!).

E. ilicinum DC.

In foliis Quercus Ilicis circa lacum *di Garda* (Bracht!).

E. Pseudo-Platani Kze

In foliis Aceris Pseudo-Platani *a Marén* in agro Tarvisino (Bérenger!).

E. acerinum Pers.

In foliis Aceris campestris *a Treviso* (Bérenger!) et in agro Veronensi (Poll. Ver. III. 556).

E. Vitis Duv.

In foliis Vitis viniferae in agro Tarvisino et Patavino, vulgare.

E. Juglandis DC.

In foliis Juglandis regiae *a Serravalle* agri Tarvisini (Bérenger!).

E. Rubi (Fr.) Kze

In foliis Rubi fruticosi *a Ciano* agri Tarvisini (Bérenger!).

E. quercinum Pers.

In foliis Quercus pedunculatae in sylva *Montello* (Bérenger!).

E. alnigenum Kze

In foliis Alni incanae *a Conegliano* (Bérenger!).

SUPPLEMENTUM

complectens fungos ab auctore sub opellae impressione observatos.

HYPODERMEAE.

Caeoma Vacciniorum Lk. In foliis Vaccinii Myrtilli in sylva *Montello*, autumno.

Coleosporium ochraceum Bon. In foliis Agrimoniae Eupatorii *a Selva*, autumno.

Obs. Probabiliter status est stylosporus Phragmidii cujusdam adhuc ignoti.

Coleosporium Senecionum (Rabh.) Fuck. In foliis Senecionis nemorensis in sylva *Montello*, autumno.

Phragmidium asperum Wallr. em. In foliis Rubi fruticosi in sylva *Montello*, autumno.

Phragmidium Tormentillae Fuck. In foliis Tormentillae in sylva *Montello*, autumno (status stylosp.).

Puccinia Agrostemmatis Fuck. In foliis Lychnidis dioicae *a Selva*, autumno.

Puccinia Stellariae Dub. em. In foliis Cerastii trivialis *a Selva*, autumno.

Puccinia Oreoselini Fuck. In foliis Peuced. Oreoselini et Cervariae *a Selva*, autumno.

Puccinia Pimpinellae Lk. em. In foliis Pimpinellae magnae *a Selva*, autumno.

Puccinia Lapsanae Fuck. In caule et foliis Lapsanae *a Selva*, aut.

Puccinia Balsamitae Rabh. em. In foliis caulibusque Balsamitae, *a Selva*, autumno.

Puccinia Hieracii Mart. em. In foliis Hieracii umbellati, borealis etc. in sylva *Montello*, autumno.

Puccinia Bardanae Cda em. In foliis Lapparum *a Selva*, aut.

Puccinia Prenanthis Fuck. In foliis Prenanthis purpureae in sylva *Montello*, autumno.

Puccinia Galiorum Lk. em. In foliis Galii sylvatici in sylva *Montello*, autumno.

Puccinia Succisae K. et S. em. In folis Succisae pratensis in sylva *Montello* (status hymeniger).

Puccinia Veronicarum DC. em. In foliis Veronicae urticifoliae in sylva *Montello*, autumno.

Puccinia Scirpi Lk. em. In calamis Scirpi palustris *a Selva*, autumno (status stylosporus).

Puccinia Andropogonis Fuck. In foliis Androp. Ischaemi *a Selva*, autumno (status stylosporus).

Puccinia Cynodontis Desm. In foliis Cynodontis Dactyli *a Selva*, autumno.

Puccinia Moliniae Tul. In foliis Moliniae caeruleae in sylva *Montello*, autumno.

Puccinia Maydis Sacc. (*N. Giorn. bot. ital.* 1873). In foliis Zeae Maydis *a Selva*, autumno.

Uromyces Lathyri Fuck. In foliis Lathyri latifolii *a Selva*, aut.

Uromyces Orobi (Schum.) Fuck. In foliis Orobi nigri et verni in sylva *Montello*, autumno.

Uromyces Astragali (Opiz?) Sacc. In foliis Astragali Glycyphylli *a Selva*, autumno.

Uromyces Lupini Sacc. (*N. Giorn. bot. ital.* 1873). In foliis Lupini albi *a Selva*, autumno.

Uromyces Valerianae Fuck. In foliis Valerianae officinalis in sylva *Montello*, autumno.

Uromyces Dactylis Otth. In foliis Dactylis glomeratae et Brachypodii sylvatici in sylva *Montello*, autumno.

Cronartium asclepiadeum Fr. em. In foliis Cynanchi Vincetoxici in sylva *Montello*, autumno.

PHYCOMYCETEAE.

Sporodinia dichotoma Cda. In Agaricis putrescentibus *a Selva*, autumno.

ASCOMYCETEAE.

PERISPORIACEAE.

Podosphaeria Kunzei Lév. In foliis Prunorum *a Selva*, autumno.
Uncinula Bivonae Lév. In foliis Ulmi campestris *a Selva*, aut.
Calocladia holosericea (Lk.) Lév. In foliis Astragali Glycyphylli *a Selva*, autumno.
Erysiphe Linkii Lév. In foliis Artemisiae vulgaris *a Selva*, autumno.
Erysiphe Martii Lév. In foliis Leguminosarum et Umbellatarum plurium in agro Tarvisino autumno.
Acrospermum Graminum Lib. In foliis Festucarum *a Selva*, aut.
Ascospora brunneola Fr. In foliis Convallariae majalis in agro Tarvisino.
Ascospora Potentillae (Fr.) Fuck. In foliis Potent. reptantis *a Selva*, autumno.
Ascospora Rousseliana (Mont.) Fuck. In foliis Buxi sempervirentis *a Selva*, autumno.

SPHAERIACEAE.

Sphaerella Ligustri (Desm.) Fuck. In foliis Ligustri vulgaris *a Selva*, autumno.
Sphaerella Vincae (Fr.) Fuck. In foliis Vincae minoris *a Selva*, autumno.
Sphaerella Vitis (Rabh.) Fuck. In foliis Vitis viniferae in agro Tarvisino.
Sphaerella Sentina (Fr.) Fuck. In foliis Pyri communis *a Selva*, autumno.
Sphaerella Mori (Nke) Fuck. In foliis Mori albae *a Selva*, aut. (status spermogonicus).
Sphaerella Berberidis (Nke) Fuck. In foliis Berberidis vulgaris *a Narvesa* agri Tarvisini, autumno.
Sphaerella perpusilla (Desm.) Fuck. In foliis Graminum humiliorum in sylva *Montello*, autumno.
Sphaerella Typhae (Lasch) Fuck. In foliis Typhae minimae *a Narvesa* agri Tarvisini, autumno.

Sphaeria Fragariae Tul. In foliis Fragariarum *a Selva,* aut. (status spermogonicus).

Sphaeria Systema solare Fuck. In foliis Corni sanguineae *a Selva,* autumno (status spermogonicus).

Sphaeria Corni Sow. In ramulis Corni sanguineae *a Selva,* autumno, raro.

Sphaeria saepincola Fr. In ramulis Rosarum *a Selva,* aut., raro.

Melomastia Friesii Nke. In ramulis Ligustri vulgaris in sylva *Montello,* autumno.

Clypeosphaeria Notarisii Fuck. In ramis Rubi fruticosi in sylva *Montello.*

Rhaphidophora pellita Fuck. In caule Labiatarum in agro Tarvisino.

Rhaphidophora Urticae Rabh. In caule Urticae dioicae *a Selva,* autumno.

Leptosphaeria Penicillus (Schrad.) Sacc. In caule Peucedani Cervariae in sylva *Montello,* autumno.

Leptosphaeria eustoma (Fr.?) Sacc. In pedicellis fructuum Sorghi vulgaris *a Selva,* autumno.

Amphisphaeria Galiorum (Desm.) Sacc. In caule Galii sylvatici in sylva *Montello,* autumno, rarius.

Fumago Lonicerae Fuck. In ramulis Xylostei *a Selva* (status conid.).

Leptospora strigosa (A. S.) Fuck. (?) In ligno carioso udo *a Selva,* autumno sterilis.

Lasiosphaeria hirsuta (Fr.) Ces. et DNtrs. Ad truncos cariosos udos *a Selva,* autumno.

Enchnoa infernalis (Kze) Fuck. In ramis quercinis in sylva *Montello,* autumno, raro.

Lophiostoma caulium (Fr.) Ces. et DNtrs. In caulibus herbarum majorum *a Selva,* autumno.

Lophiostoma macrostomum (Tode) Ces. et DNtrs. In ligno denudato quercino *a Selva,* autumno.

Lophiostoma compressum (Pers.) Ces. et DNtrs. In ligno querneo *a Selva,* autumno.

Teichospora obducens (Fr. p. p.) Fuck. In ligno fraxineo *a Selva,* autumno.

Teichospora trabicola Fuck. In ligno querneo *a Selva,* autumno.

Cucurbitaria Ribis (Tode) Sacc. In trunco Ribis Grossulariae *a Selva,* autumno.

Melanconis macrospora Tul. In ramis carpineis *a Selva,* autumno (status conid.).
Cryptovalsa ampelina (Nke) Fuck. In sarmentis Vitis *a Selva,* aut.
Diaporthe alnea Fuck. In ramis Alni glutinosae *a Selva,* aut.
Diaporthe retecta Fuck. et Nke. In ramis Buxi sempervirentis *a Selva,* autumno.
Diaporthe Laschii Nke. In ramis Evonymi europaei *a Selva.*
Diaporthe Ryckholtii (West.) Nke. In truncis Symphoricarpi racemosae *a Selva,* autumno.
Diaporthe crassicollis Nke. In ramis Corni sanguineae *a Selva,* autumno.
Diaporthe Arctii (Lasch) Nke. In caulibus Lapparum *a Selva,* aut.
Hypoxylon commutatum Nke. In ramis Carpini Betuli *a Selva,* autumno.

Discomyceteae.

Naevia Lauri Cald. In foliis Lauri nobilis *a Selva,* autumno.
Hysterium biforme Fr. In ligno denudato querneo *a Selva,* aut.
Peziza Humuli Lasch. In caulibus Humuli *a Selva,* autumno.

FUNGACEAE IMPERFECTAE.

Sporidesmium cellulosum Klotsch. In ligno quercino *a Selva,* aut.
Circinotrichum maculiforme Nees. In foliis putridis Crataegi glabrae *a Selva,* autumno.
Stachybotrys atra Cda. In ligno quercino *a Selva,* autumno.
Rhinotrichum repens Pr. In ligno alneo carioso, udo *a Selva,* aut.

Sphaeria Fragariae Tul. In foliis Fragariarum *a Selva,* aut. (status spermogonicus).

Sphaeria Systema solare Fuck. In foliis Corni sanguineae *a Selva,* autumno (status spermogonicus).

Sphaeria Corni Sow. In ramulis Corni sanguineae *a Selva,* autumno, raro.

Sphaeria saepincola Fr. In ramulis Rosarum *a Selva,* aut., raro.

Melomastia Friesii Nke. In ramulis Ligustri vulgaris in sylva *Montello,* autumno.

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Rhaphidophora Urticae Rabh. In caule Urticae dioicae *a Selva,* autumno.

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Amphisphaeria Galiorum (Desm.) Sacc. In caule Galii sylvatici in sylva *Montello,* autumno, rarius.

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Lophiostoma compressum (Pers.) Ces. et DNtrs. In ligno querneo *a Selva,* autumno.

Teichospora obducens (Fr. p. p.) Fuck. In ligno fraxineo *a Selva,* autumno.

Teichospora trabicola Fuck. In ligno querneo *a Selva,* autumno.

Cucurbitaria Ribis (Tode) Sacc. In trunco Ribis Grossulariae *a Selva,* autumno.

Melanconis macrospora Tul. In ramis carpineis *a Selva*, autumno (status conid.).
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Diaporthe alnea Fuck. In ramis Alni glutinosae *a Selva*, aut.
Diaporthe retecta Fuck. et Nke. In ramis Buxi sempervirentis *a Selva*, autumno.
Diaporthe Laschii Nke. In ramis Evonymi europaei *a Selva*.
Diaporthe Ryckholtii (West.) Nke. In truncis Symphoricarpi racemosae *a Selva*, autumno.
Diaporthe crassicollis Nke. In ramis Corni sanguineae *a Selva*, autumno.
Diaporthe Arctii (Lasch) Nke. In caulibus Lapparum *a Selva*, aut.
Hypoxylon commutatum Nke. In ramis Carpini Betuli *a Selva*, autumno.

Discomyceteae.

Naevia Lauri Cald. In foliis Lauri nobilis *a Selva*, autumno.
Hysterium biforme Fr. In ligno denudato querneo *a Selva*, aut.
Peziza Humuli Lasch. In caulibus Humuli *a Selva*, autumno.

FUNGACEAE IMPERFECTAE.

Sporidesmium cellulosum Klotsch. In ligno quercino *a Selva*, aut.
Circinotrichum maculiforme Nees. In foliis putridis Crataegi glabrae *a Selva*, autumno.
Stachybotrys atra Cda. In ligno quercino *a Selva*, autumno.
Rhinotrichum repens Pr. In ligno alneo carioso, udo *a Selva*, aut.

Cospectus numericus Fungorum Venetorum.

	Gen.	Spec.	Var.
FUNGACEAE PERFECTAE			
Subclassis I. Mycellophorae Fuck.			
Cohors I. Basidiomyceteae de Bary			
Subcohors I. Hymenomyceteae Fr.			
Ordo 1. Agaricineae Fr.	15	252	39
Ordo 2. Polyporeae Fr.	7	73	6
Ordo 3. Hydneae Fr.	3	21	
Ordo 4. Auricularineae Fr.	8	36	5
Ordo 5. Clavarieae Fr.	2	19	6
Ordo 6. Tremellineae Fr.	3	7	
Subcohors II. (Ordo 7) Phalloideae Fr.	3	3	
Subcohors III. Gasteromyceteae Fr.			
Ordo 8. Lycoperdaceae Fr.	4	15	2
Ordo 9. Nidulariaceae Fr.	2	3	
Cohors II. Hypodermeae de Bary			
Ordo 10. Ustilagineae Tul.	3	10	
Ordo 11. Uredineae Tul.	8	72	3
Cohors III. Phycomyceteae de Bary			
Ordo 12. Peronosporeae de Bary	2	10	
Ordo 13. Mucorineae Fr.	2	4	
Cohors IV. Ascomyceteae de Bary			
Ordo 14. Pyrenomyceteae Fr.			
Subordo 1. Perisporiaceae Fr.	9	12	5
Subordo 2. Ascosporeae Fr.	1	1	
Subordo 3. Sphaeriaceae Fr. em.	56	221	17
Ordo 15. Tuberaceae Vitt.	2	4	
Ordo 16. Discomyceteae Fr. em.			
Subordo 1. Sticteae Fr.	6	7	
Subordo 2. Phacidiaceae Fr.	8	20	
Subordo 3. Patellariaceae Fr.	5	10	
Subordo 4. Bulgariaceae Fr.	4	4	
Subordo 5. Pezizeae Fr.	18	39	2
Subordo 6. Helvellaceae Fr.	6	15	2
Subclassis II. Plasmodiophorae Fuck.			
Subordo 1. Lycogaleae de Bary	2	2	
Subordo 2. Trichiaceae de Bary	3	9	1
Subordo 3. Stemoniteae de Bary	1	1	
Subordo 4. Physareae de Bary	6	14	
FUNGACEAE IMPERFECTAE			
Sectio I. Hyphomyceteae Fr.	41	78	
Sectio II. Gymnomyceteae Fr.	16	25	
Sectio III. Phyllosticteae Fr.	9	77	
Sectio IV. Sphaeropsideae Fr.	5	45	
Sectio V. Dichaenaceae Fr.	1	2	
Sectio VI. Mycelia sterilia	4	4	
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Obs. Ad praedictas 1212 species additis ca. 200 formis secundariis et varietatibus 88, habentur hucusque in agro Veneto totaliter 1500 formae fungorum mihi notae.

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Stab P.Prosperini

Auct. ad nat. del.

EXPLICATIO TABULAE IV.

Fig.

1. Agaricus bufonius *Pers.* var. minór *Sacc.*
2. — sectio aucta.
3. — sporidia.
4. Agaricus lignicola *Sacc.*
5. — sectio.
6.ª — sporidia eguttulata.
6.ᵇ — sporidia guttulata.
7. Agaricus subalutaceus *Batsch*
8. — exemplar juvenile.
9. — sectio.
10. — lamellae.
11. — sporidia.
15. Agaricus granulosus *Batsch* var. cortinatus *Sacc.*
16. — exemplar juvenile.
17. — sectio.
18. — sectio aucta stipitis.
19. — sporidia.
20. Agaricus laccatus *Scop.* — sporidia.
21. Agaricus obturatus *Fr.*
22. — sectio.
23. — sporidia.
24. Agaricus granulosus *Batsch* v. Carcharias *Fr.* — sporidia.

12-14 Tricholoma sejunctum Sow. var versicolor Sacc.

del. Auct. ad nat. del.

EXPLICATIO TABULAE V.

Fig.

1. Agaricus Montellicus *Sacc* — sectio.
2. — stipes.
3. — sporidia.
4. Agaricus Bizzozerianus *Sacc.*
5. — sectio.
6. — sporidia.
7. Agaricus lampropus *Fr.*
8. — sectio.
9. — sporidia.
10. Lactarius Azonites (*Bull.*) *Fr.* var. albellus *Sacc.*
11. — sectio.
12. — sporidia.
13. Cortinarius tofaceus *Fr.*
14. — sectio.
15. — exemplar juvenile.
16. — sporidia.

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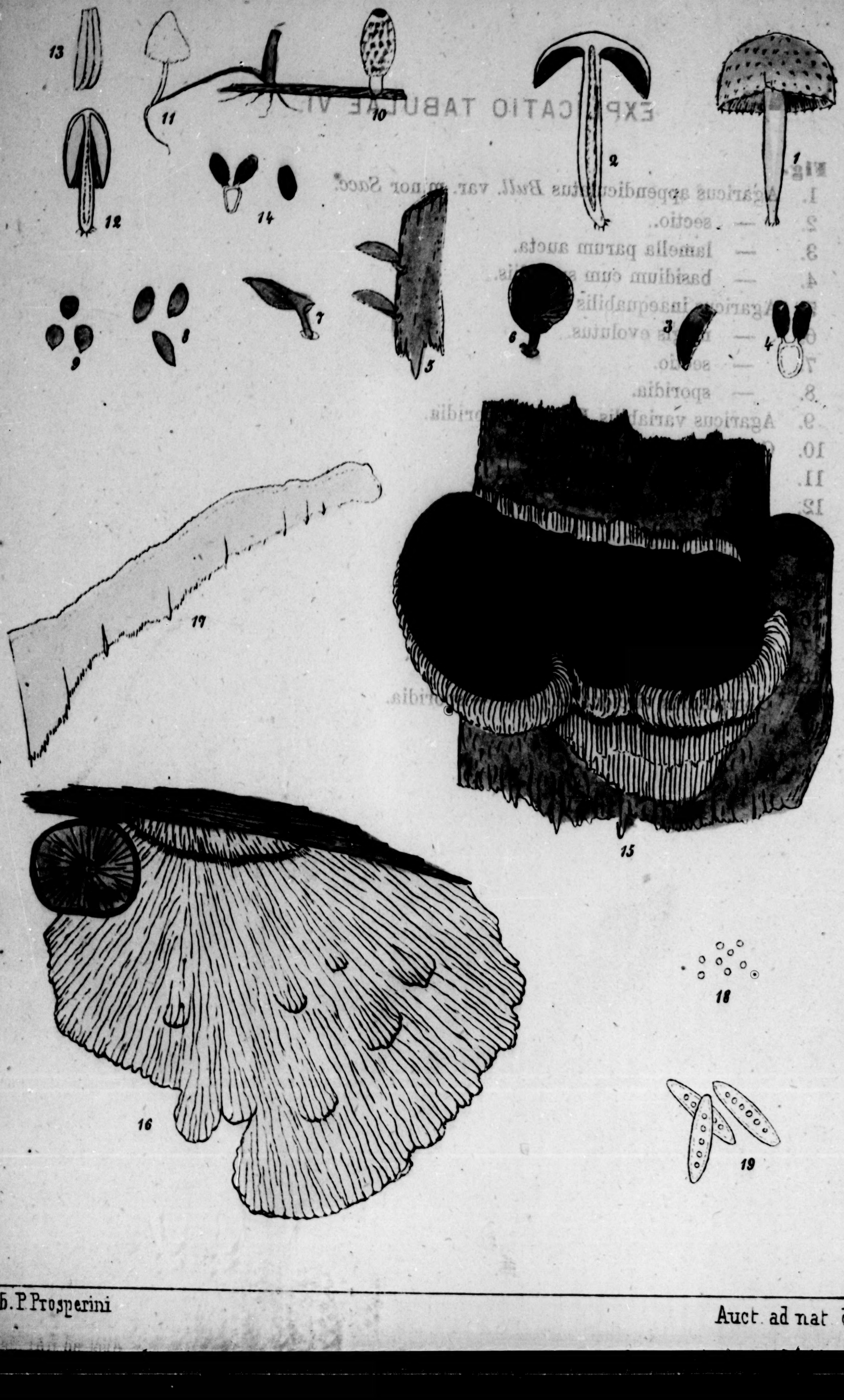

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Auct. ad nat. del.

EXPLICATIO TABULAE VI.

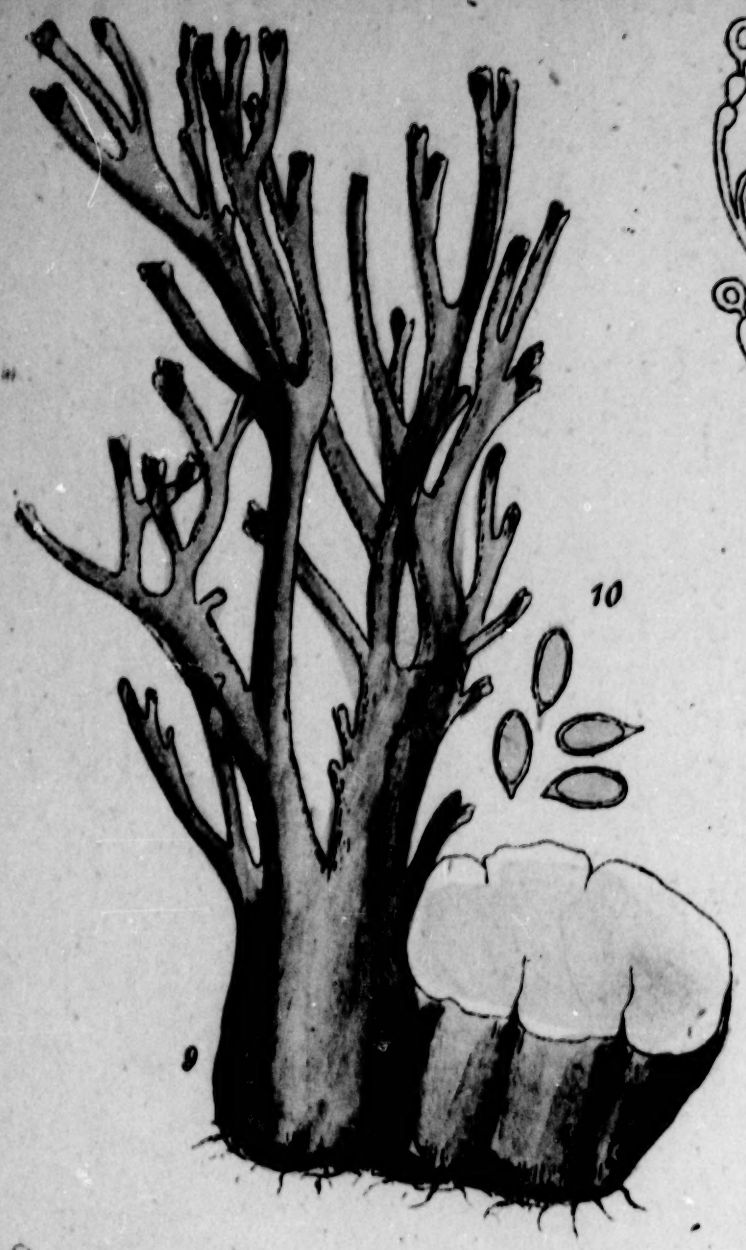
Fig.

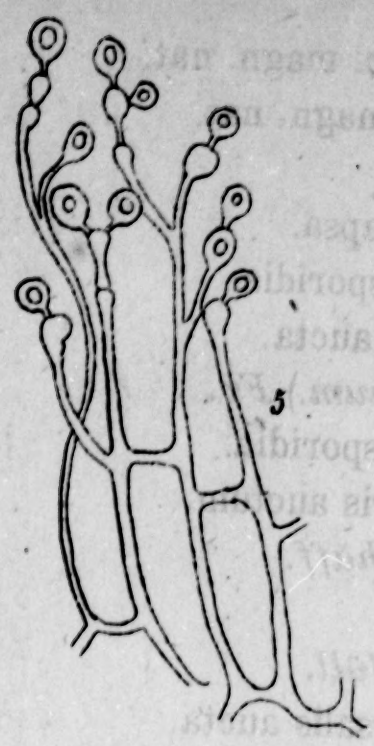
1. Agaricus appendiculatus *Bull.* var. minor *Sacc.*
2. — sectio.
3. — lamella parum aucta.
4. — basidium cum sporidiis.
5. Agaricus inaequabilis *Sacc.*
6. — magis evolutus.
7. — sectio.
8. — sporidia.
9. Agaricus variabilis *Pers.* — sporidia.
10. Coprinus frustulorum *Sacc.*
11. — magis evolutus.
12. — sectio.
13. — lamellae.
14. — basidium et sporidia.
15. Lenzites atropurpurea *Sacc.*
16. — inferne visa (hymenium).
17. — sectio.
18. — sporidia.
19. Gomphidius viscidus (*L*) *Fr.* — sporidia.

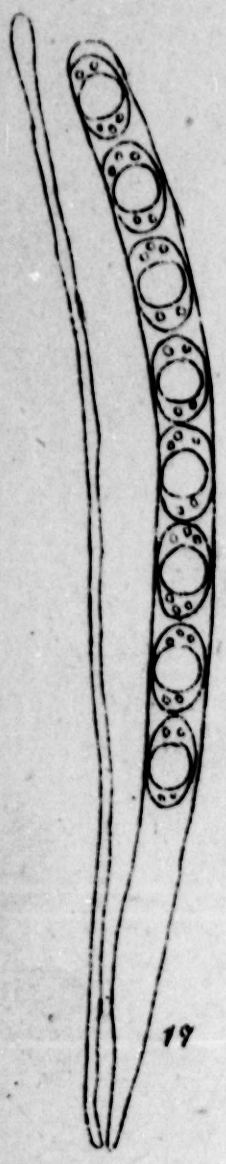
EXPLICATIO TABULAE VII.

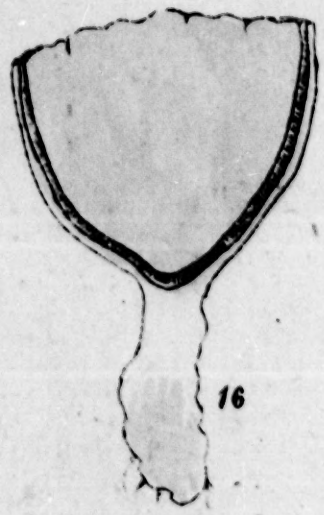
Fig.

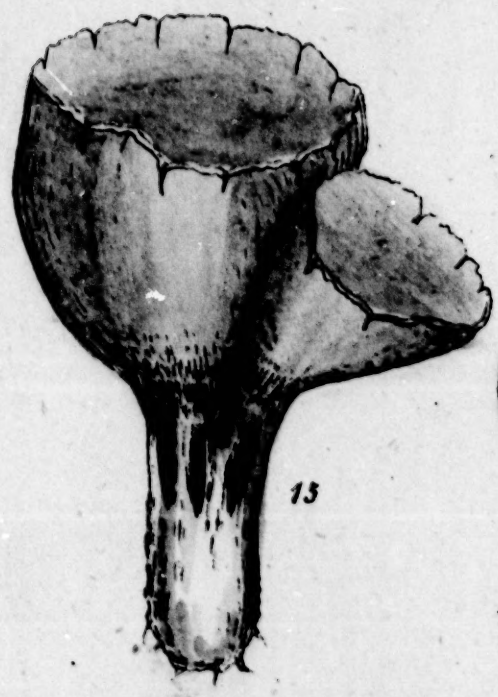
1. Agaricus pudicus *Bull.* var. squarrulosus *Sacc.*
2. — sectio.
3. — basidium cum sporidiis.
4. Polyporus Venetus *Sacc.*
5. — pori aucti.
6. — sporidia.
7. Polyporus vitreus *Fr.*
8. — sectio.
9. — pori aucti.
10. — sporidia.
11. Polyporus pulchellus *Sacc.*
12. — sectio.
13. — hymenium.
14. — hymenium auctum.
15. — sporidia.
16. Irpex heterodon *Sacc.*
17. — hymenium.
18. — sectio pilei.
19. — sporidia.

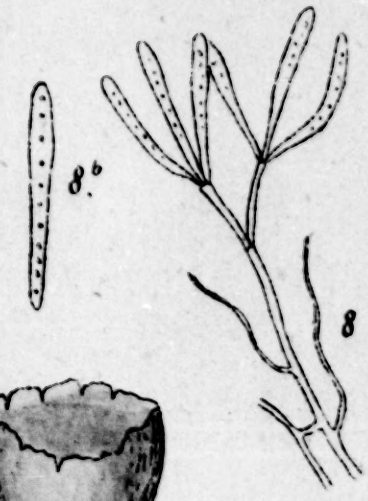












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EXPLICATIO TABULAE VIII.

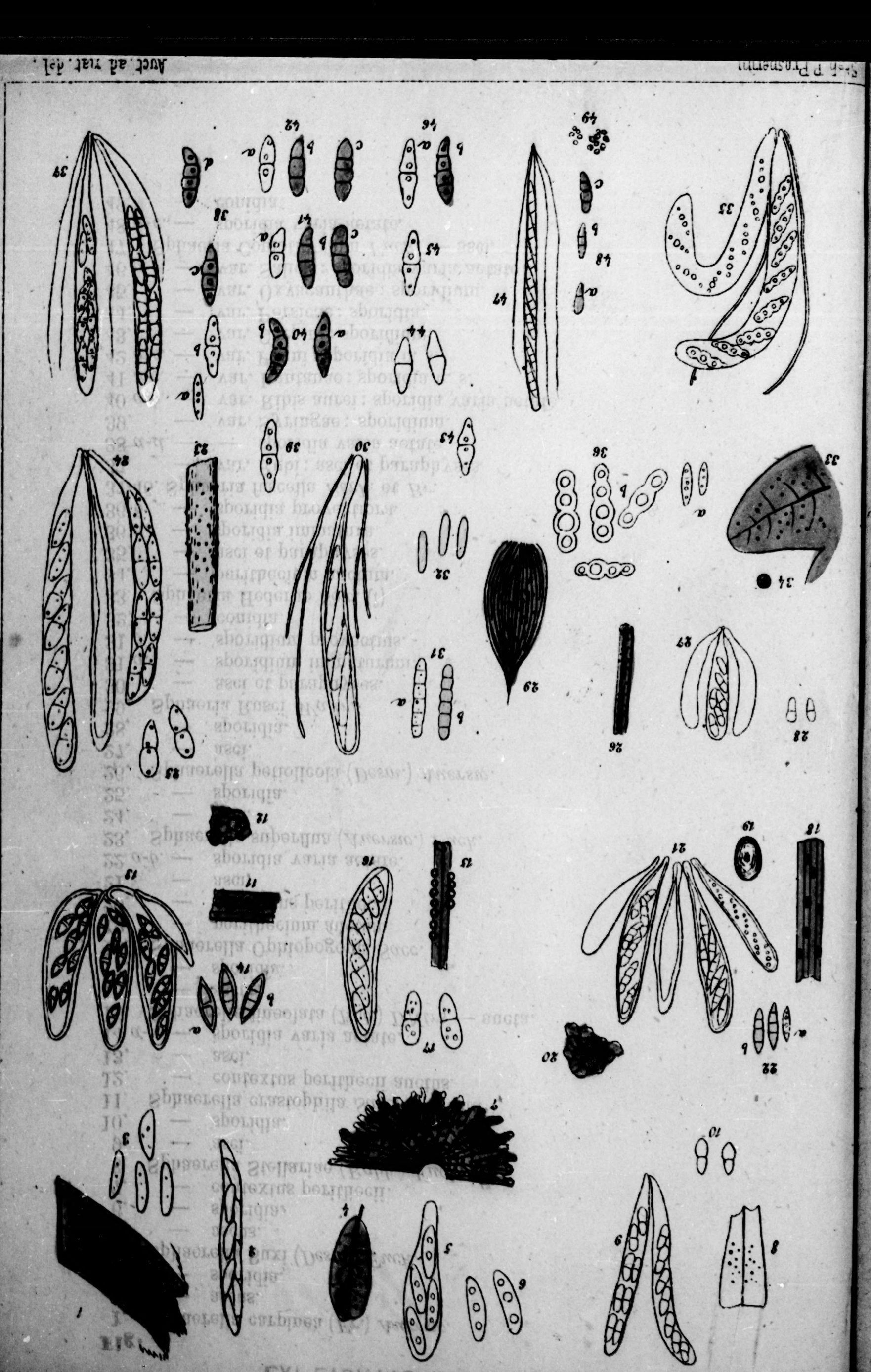
Fig.

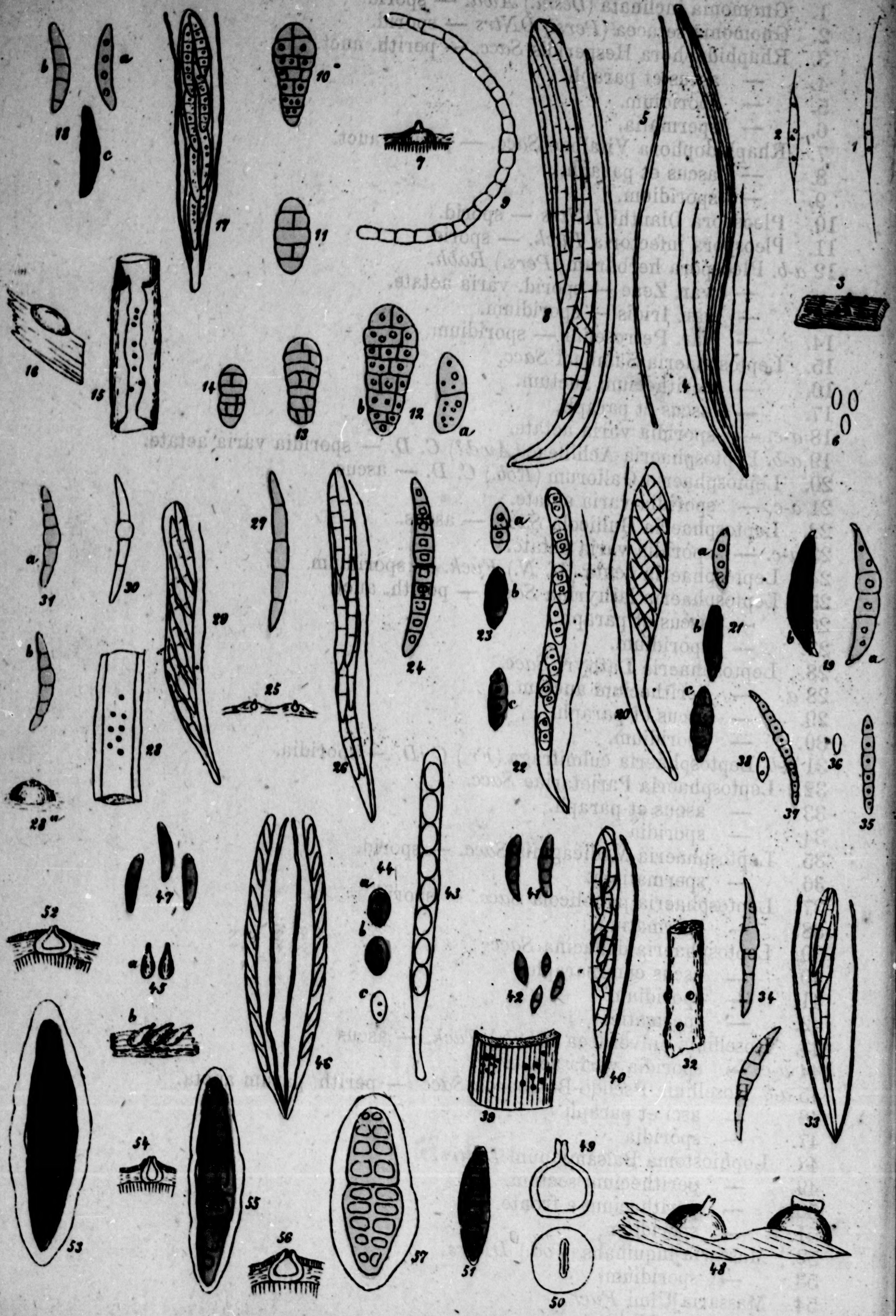
1. Guepinia Buccina *Sacc.* magn. nat.
2. — magis evoluta magn. nat.
3. — aucta.
4. — tremelloso-collapsa.
5. — sporophora et sporidia.
6. — sporidia magis aucta.
7. Calocera palmata (*Schum.*) *Fr.*
8. — sporophora et sporidia.
8.bis — sporidium magis auctum.
9. Clavaria rufescens *Schäff.*
10. — sporidia.
11. Clavaria inaequalis *Müll.*
12. — sectio transversalis aucta.
13. — sporidia.
14. Acetabula Calyx *Sacc.*
15. — magis evoluta et geminata.
16. — sectio.
17. — ascus et paraphysis.
18. — sporidia.

EXPLICATIO TABULAE IX.

Fig.

1. Sphaerella carpinea (*Fr.*) *Auersw.*
2. — ascus.
3. — sporidia.
4. Sphaerella Buxi (*Desm.*) *Fuck.*
5. — ascus.
6. — sporidia.
7. — contextus perithecii.
8. Sphaerella Stellariae (*Rabh.*) *Fuck.*
9. — asci.
10. — sporidia.
11. Sphaerella crastophila *Sacc.* — aucta
12. — contextus perithecii auctus.
13. — asci.
14 *a-b.* — sporidia varia aetate.
15. Sphaerella lineolata (*Rob.*) *DNtrs* — aucta.
16. — ascus.
17. — sporidia.
18. Sphaerella Ophiopogonis *Sacc.*
19. — perithecium auctum.
20. — contextus perithecii.
21. — asci.
22 *a-b.* — sporidia varia aetate.
23. Sphaerella superflua (*Auersw.*) *Fuck.*
24. — asci.
25. — sporidia.
26. Sphaerella petiolicola (*Desm.*) *Auersw.*
27. — asci.
28. — sporidia.
29. Sphaeria Rusci *Wallr.*
30. — asci et paraphyses.
31 *a.* — sporidium immaturum.
31 *b.* — sporidium provectius.
32. — conidia.
33. Sphaeria Hederae *Sow.* (?)
34. — perithecium auctum.
35. — asci et paraphyses.
36 *a.* — sporidia immatura.
36 *b.* — sporidia provectiora.
37-46. Sphaeria fuscella *Berk.* et *Br.*
37. — var. Rubi: asci et paraphyses.
38 *a-d.* — — sporidia varia aetate.
39. — var. Syringae: sporidium.
40 *a-b.* — var. Ribis aurei: sporidia varia aetate.
41 *a-c.* — var. Lantanae: sporidia u. s.
42 *a-c.* — var. Pruni: sporidia u. s.
43. — var. Carpini: sporidium.
44. — var. Persicae: sporidia.
45. — var. Oxyacanthae: sporidium.
46 *a-b.* — var. Salicis: sporidia varia aetate.
47. Sphaeria Coniothyrium *Fuck.* — asci.
48 *a-c.* — sporidia varia aetate.
49. — conidia.


EXPLICATIO TABULAE IX



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EXPLICATIO TABULAE I.

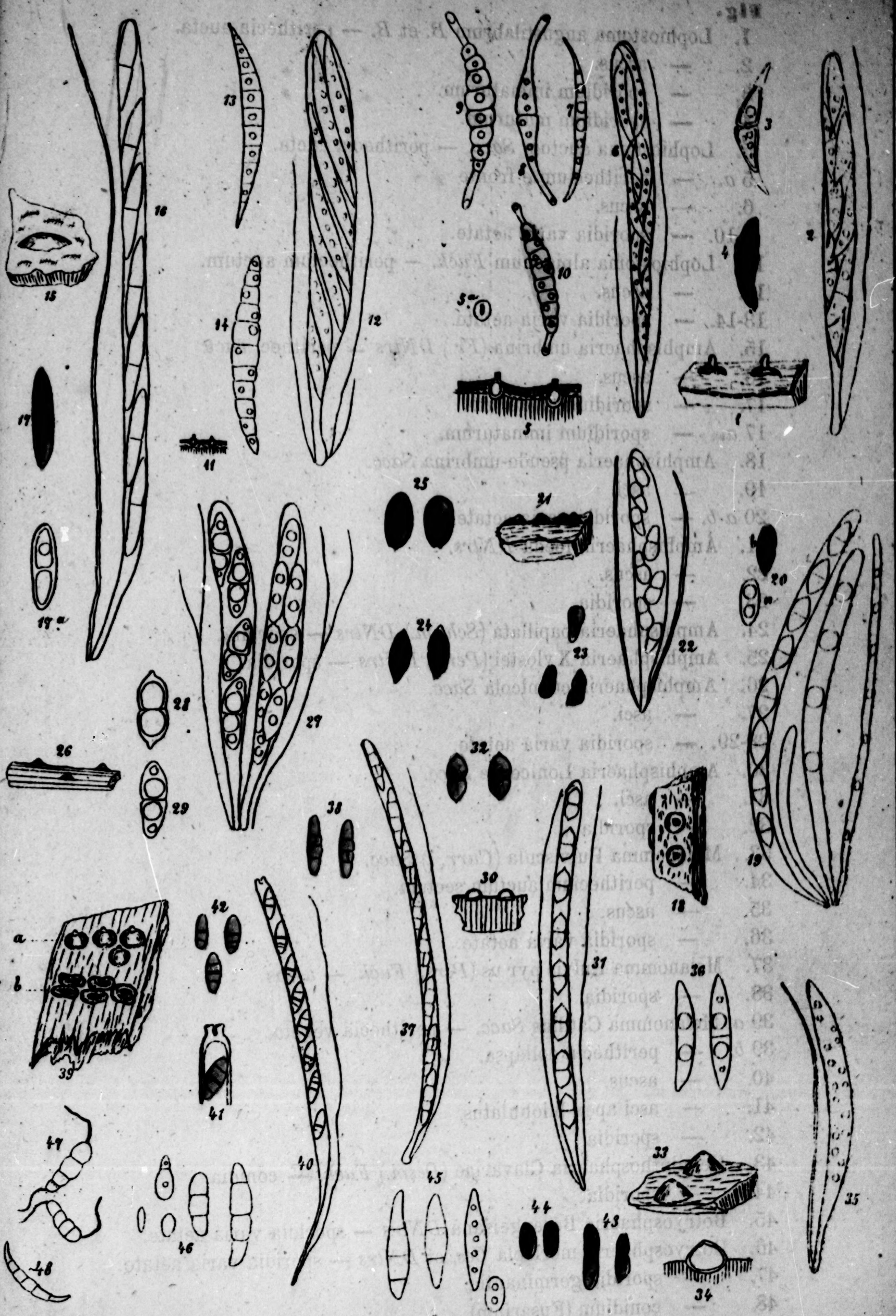
Fig.

1. Gnomonia inclinata (*Desm.*) *Awd.* — sporid.
2. Gnomonia setacea (*Pers.*) *DNtrs* — sporid.
3. Rhaphidophora Hesperidis *Sacc.* — perith. auct.
4. — ascus et paraph.
5. — sporidium.
6. — spermatia.
7. Rhaphidophora Vitalbae *Sacc.* — perith. auct.
8. — ascus et paraph.
9. — sporidium.
10. Pleospora Dianthi *DNtrs* — sporid.
11. Pleospora infectoria *Fuck.* — sporid.
12 *a-b*. Pleospora herbarum (*Pers.*) *Rabh.*
— var. Zeae — sporid. varia aetate.
13 — var. Iridis — sporidium.
14. — var. Petroselini — sporidium.
15. Leptosphaeria Sambuci *Sacc.*
16. — perithecium auctum.
17. — ascus et paraph.
18 *a-c*. — sporidia varia aetate.
19 *a-b*. Leptosphaeria Achilleae (*Awd?*) *C. D.* — sporidia varia aetate.
20. Leptosphaeria Galiorum (*Rob.*) *C. D.* — ascus.
21 *a-c*. — sporidia varia aetate.
22. Leptosphaeria Galiicola *Sacc.* — ascus.
23 *a-c*. — sporidia varia aetate.
24. Leptosphaeria acuta (*M. N.*) *Fuck.* — sporidium.
25. Leptosphaeria lathyrina *Sacc.* — perith. auct.
26. — ascus et paraph.
27. — sporidium.
28. Leptosphaeria Lathyri *Sacc.*
28 *a*. — perithecium auctum.
29. — ascus et paraph.
30. — sporidium.
31 *a-b*. Leptosphaeria culmifraga (*Fr*) *C D.* — sporidia.
32. Leptosphaeria Parietariae *Sacc.*
33. — ascus et paraph.
34. — sporidia
35. Leptosphaeria Medicaginis *Sacc.* — sporid.
36. — spermatium.
37. Leptosphaeria petiolicola *Sacc.* — sporid.
38. — spermatium.
39. Leptosphaeria donacina *Sacc*
40. — ascus cum paraph.
41. — sporidium
42. — spermatia.
43. Rosellinia pulveracea (*Ehrh.*) *Fuck.* — ascus
44 *a-c*. — sporidia varia aetate
45 *a-b* Rosellinia Pseudo-Bombarda *Sacc* — perith. parum aucta.
46 — asci et paraph.
47. — sporidia
48. Lophiostoma Balsamianum *DNtrs.*
49. — perithecium sectum.
50. — perithecium e fronte.
51. — sporidium.
52. Massaria inquinans (*Tod.*) *DNtrs.*
53. — sporidium.
54. Massaria Ulmi *Fuck.*
55. — sporidium.
56. Massaria Carpini *Fuck.*

EXPLICATIO TABULAE XI.

Fig.

1. Lophiostoma angustilabrum *B.* et *B.* — perithecia aucta.
2. — ascus.
3. — sporidium immaturum.
4. — sporidium maturum.
5. Lophiostoma auctum *Sacc.* — perithecia aucta.
5 *a*. — perithecium e fronte
6. — ascus.
7-10. — sporidia varia aetate.
11. Lophiostoma alpigenum *Fuck.* — perithecium auctum.
12. — ascus.
13-14. — sporidia varia aetate.
15. Amphisphaeria umbrina (*Fr.*) *DNtrs* — perithec auct.
16. — ascus.
17. — sporidium maturum.
17 *a*. — sporidium immaturum.
18. Amphisphaeria pseudo-umbrina *Sacc.*
19. — asci.
20 *a-b*. — sporidia varia aetate.
21. Amphisphaeria foeda *DNtrs.*
22. — ascus.
23. — sporidia.
24. Amphisphaeria papillata (*Schum.*) *DNtrs* — sporidia.
25. Amphisphaeria Xylostei (*Pers.*) *DNtrs* — sporidia.
26. Amphisphaeria culmicola *Sacc.*
27. — asci.
28-29. — sporidia varia aetate.
30. Amphisphaeria Lonicerae *Sacc.*
31. — asci.
32. — sporidia
33. Melanomma Pulviscula (*Curr.?*) *Sacc.*
34. — perithecium auctum sectum.
35. — ascus.
36. — sporidia varia aetate.
37. Melanomma Pulvis pyr us (*Pers.*) *Fuck.* — ascus.
38. — sporidia
39 *a*. Melanomma Catillus *Sacc.* — perithecia vegeta.
39 *b*. — perithecia collapsa.
40. — ascus.
41. — asci apex bilobulatus
42. — sporidia.
43. Helminthosphaeria Clavariae (*Desm.*) *Fuck.* — conidia.
44. — sporidia.
45. Botryosphaeria Bérengeriana *DNtrs* — sporidia varia aetate.
46. Botryosphaeria moricola *Ces.* et *DNtrs* — sporidia varia aetate.
47. — sporidia germinantia.
48. — conidium (Fusarium).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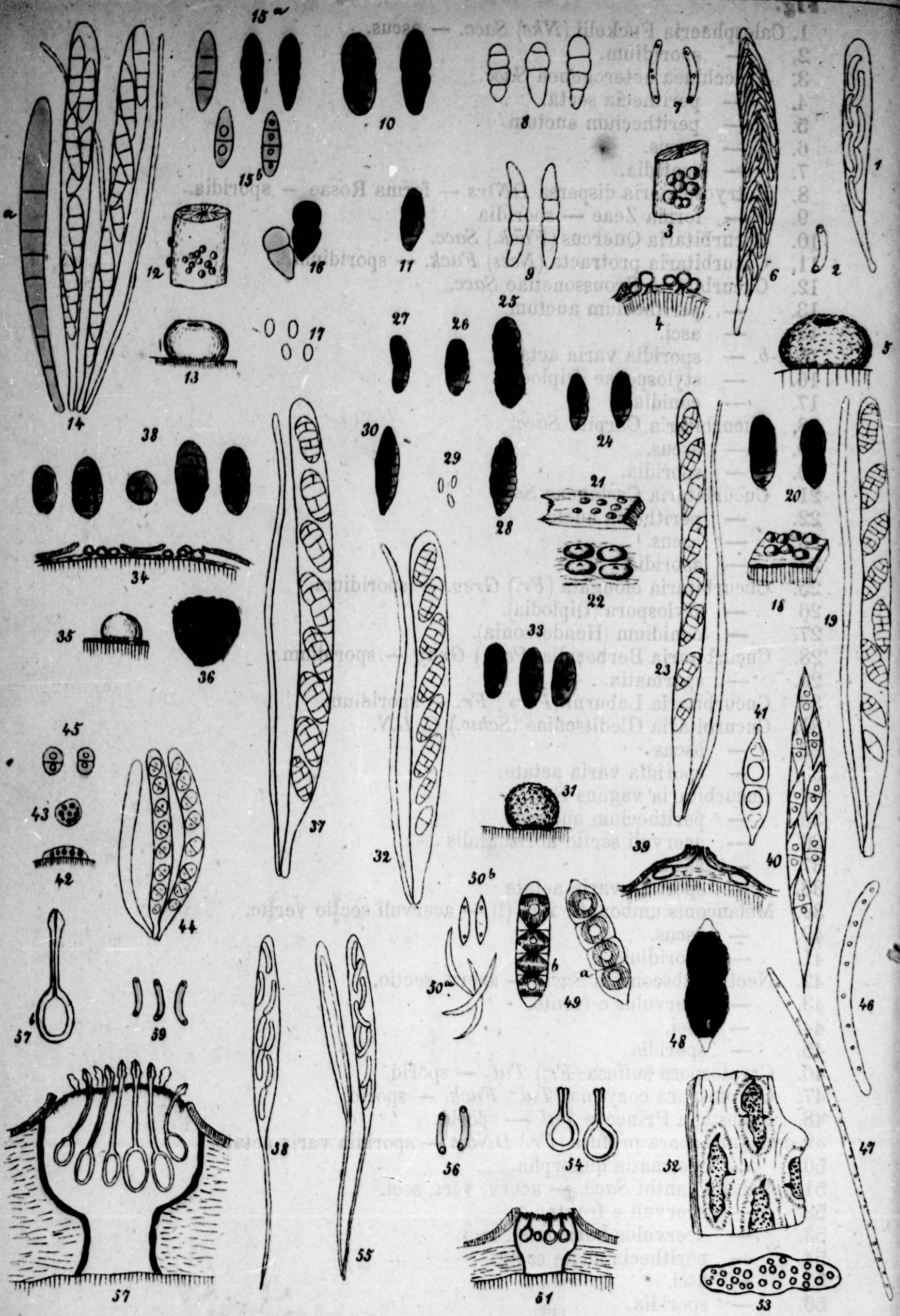

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Fig.

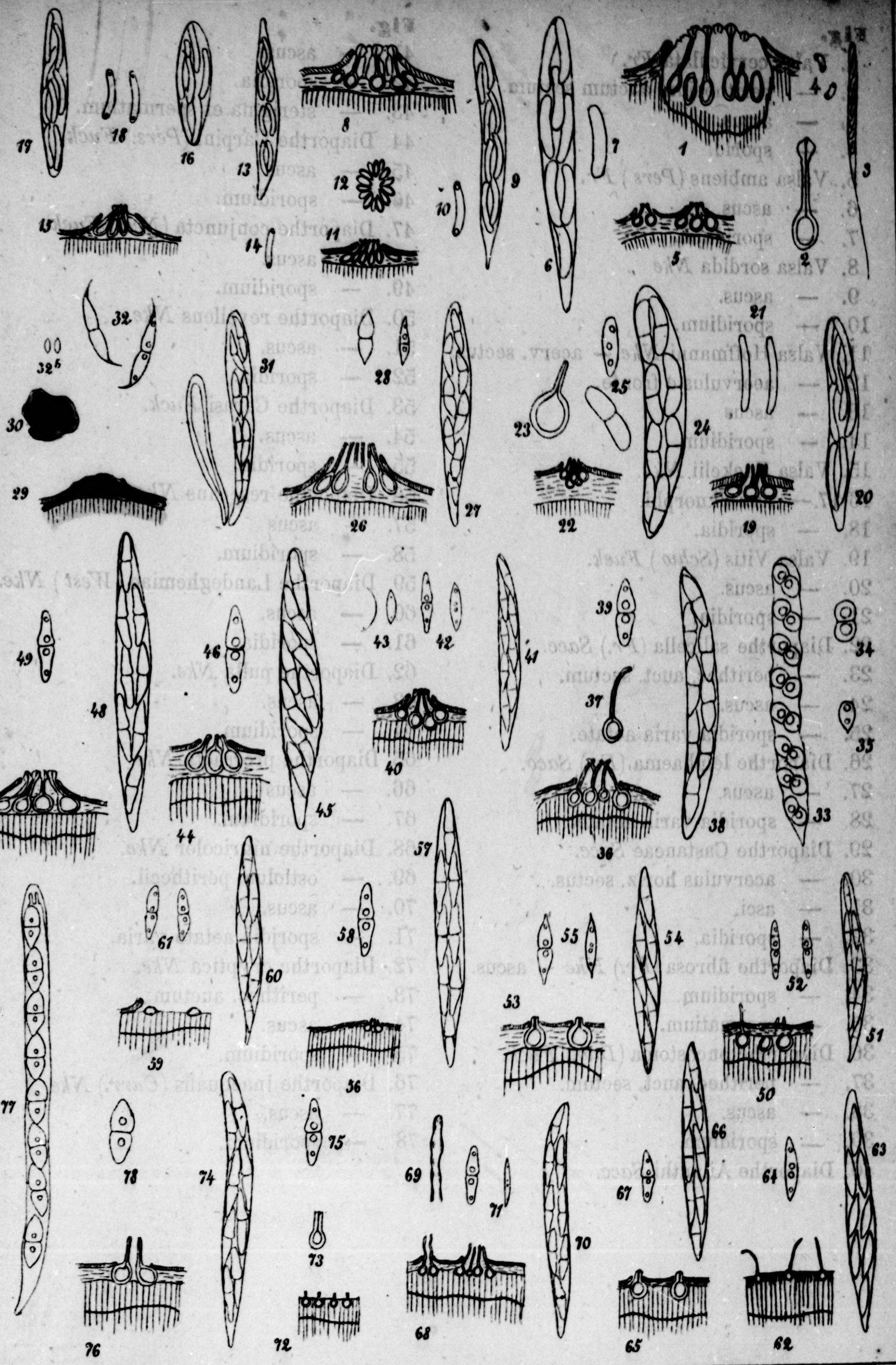
1. Calosphaeria Fuckelii (*Nke*) *Sacc.* — ascus.
2. — sporidium.
3. Fracchiaea heterogenea *Sacc.*
4. — perithecia secta.
5. — perithecium auctum.
6. — ascus.
7. — sporidia.
8. Botryosphaeria dispersa *DNtrs* — forma Rosae — sporidia.
9. — forma Zeae — sporidia
10. Cucurbitaria Quercus (*Fuck.*) *Sacc.*
11. Cucurbitaria protracta (*Nees*) *Fuck.* — sporidium.
12. Cucurbitaria Broussonetiae *Sacc.*
13. — perithecium auctum.
14. — asci.
15 *a-b.* — sporidia varia aetate.
16. — stylosporae (Diplodia).
17. — conidia.
18. Cucurbitaria Carpini *Sacc.*
19. — ascus.
20. — sporidia.
21. Cucurbitaria Castaneae *Sacc*
22. — perithecia aucta
23. — ascus.
24. — sporidia
25. Cucurbitaria elongata (*Fr.*) *Grev.* — sporidium.
26. — stylospora (Diplodia).
27. — conidium (Hendersonia).
28. Cucurbitaria Berberidis (*Pers*) *Gray* — sporidium.
29. — spermatia.
30. Cucurbitaria Laburni (*Pers.*) *Fr,* — sporidium.
31. Cucurbitaria Gleditschiae (*Schw.*) *C. DN.*
32. — ascus
33. — sporidia varia aetate.
34. Cucurbitaria vagans *Sacc*
35. — perithecium auctum.
36. — acervuli sectio horizontalis
37. — ascus.
38. — sporidia varia aetate
39. Melanconis umbonata *Tul.* (?) — acervuli sectio vertic.
40. — ascus.
41. — sporidium.
42. Nectria abscondita *Sacc.* — acerv. sectio.
43. — acervulus e fronte.
44. — asci.
45. — sporidia.
46. Cryptospora suffusa (*Fr.*) *Tul* — sporid.
47. Cryptospora corylina (*Tul.*) *Fuck.* — sporid.
48. Fenestella Princeps *Tul* — sporid.
49 *a-b.* Aglaospora profusa (*Fr.*) *DNtrs* — sporidia varia aetate.
50. — spermatia dimorpha.
51. Valsa Ailanthi *Sacc.* — acerv. vert. sect.
52. — acervuli e fronte.
53. — acervulus horizontal. sect.
54. — perithecia aucta secta.
55. — asci.
56. — sporidia.
57. Valsa grandis *Nke.*
58. — ascus.
59. — sporidium.

Fig.

1. Valsa cerviculata *Fr.*
2. — perithecium auctum sectum.
3. — ascus.
4. — sporid.
5. Valsa ambiens (*Pers*) *Fr.*
6. — ascus.
7. — sporidium.
8. Valsa sordida *Nke*
9. — ascus.
10. — sporidium.
11. Valsa Hoffmanni *Nke* — acerv. sectus.
12. — acervulus e fronte.
13. — ascus.
14. — sporidium.
15. Valsa Fuckelii *Nke.*
16-17. — asci dimorphi.
18. — sporidia.
19. Valsa Vitis (*Schw*) *Fuck.*
20. — ascus.
21. — sporidia.
22. Diaporthe salicella (*Fr.*) *Sacc.*
23. — perithec. auct. sectum.
24. — ascus.
25. — sporidia varia aetate.
26. Diaporthe leiphaema (*Fr.*) *Sacc.*
27. — ascus.
28. — sporidia varia aetate.
29. Diaporthe Castaneae *Sacc.*
30. — acervulus horiz. sectus.
31. — asci.
32. — sporidia.
33. Diaporthe fibrosa (*Fr.*) *Nke* — ascus.
34. — sporidium.
35. — spermatium.
36. Diaporthe oncostoma (*Dub.*) *Fuck.*
37. — perithec. auct. sectum.
38. — ascus.
39. — sporidium.
40. Diaporthe Ailanthi *Sacc.*

Fig.

41. — ascus.
42. — sporidia.
43. — sterigma et spermatium.
44. Diaporthe Carpini (*Pers.*) *Fuck.*
45. — ascus.
46. — sporidium.
47. Diaporthe conjuncta (*Nees*) *Fuck.*
48. — ascus.
49. — sporidium.
50. Diaporthe revellens *Nke.*
51. — ascus.
52. — sporidia.
53. Diaporthe Cerasi *Fuck.*
54. — ascus.
55. — sporidia.
56. Diaporthe resecans *Nke.*
57. — ascus.
58. — sporidium.
59. Diaporthe Landeghemiae (*West*) *Nke.*
60. — ascus.
61. — sporidia.
62. Diaporthe pulla *Nke.*
63. — ascus.
64. — sporidium.
65. Diaporthe protracta *Nke.*
66. — ascus.
67. — sporidium.
68. Diaporthe nigricolor *Nke.*
69. — ostiolum perithecii.
70. — ascus.
71. — sporidia aetate varia.
72. Diaporthe cryptica *Nke.*
73. — perithec. auctum.
74. — ascus.
75. — sporidium.
76. Diaporthe inaequalis (*Curr.*) *Nke.*
77. — ascus.
78. — sporidium.



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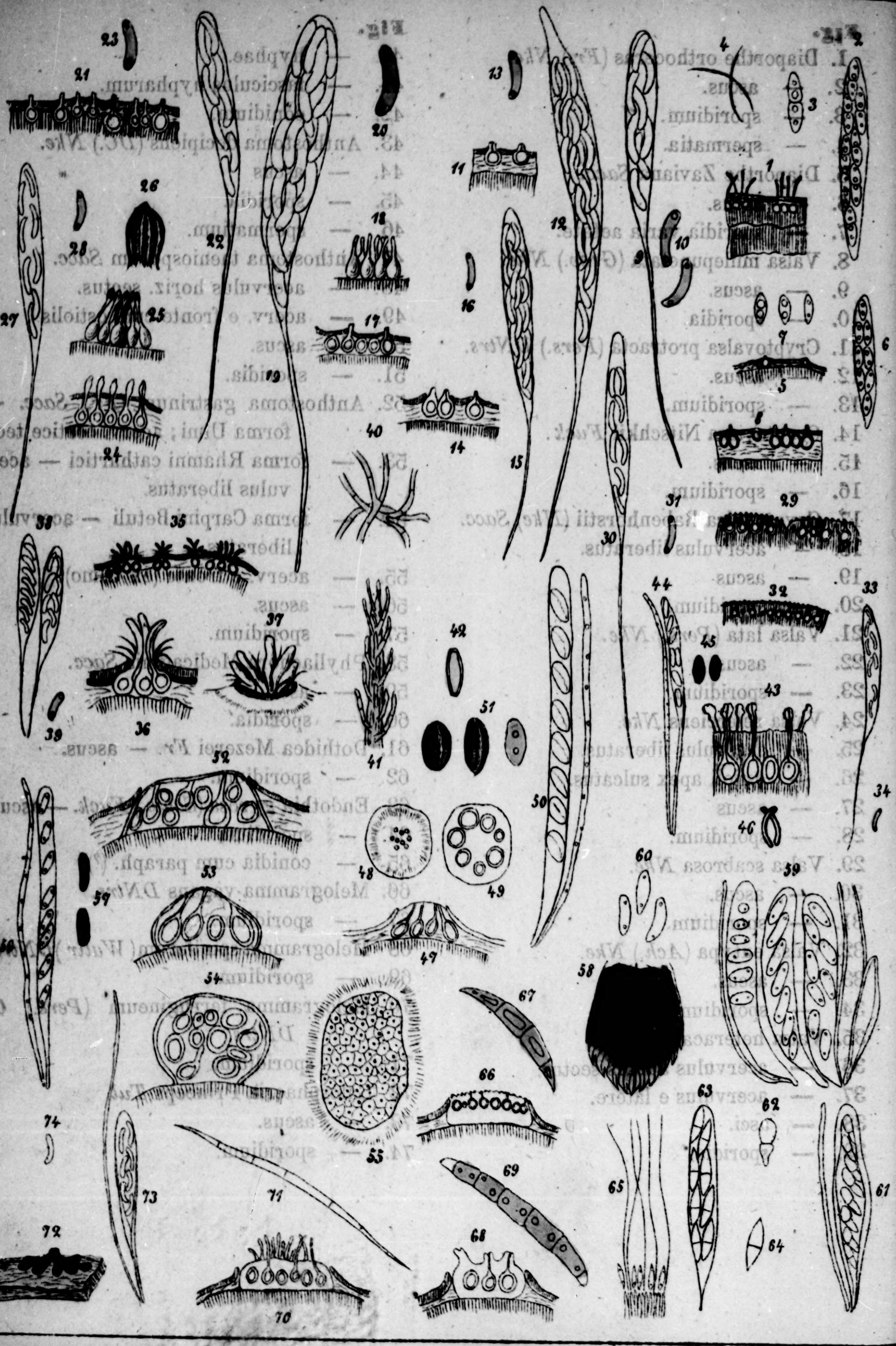

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Fig.

1. Diaporthe orthoceras (*Fr.*) *Nke.*
2. — ascus.
3. — sporidium.
4. — spermatia.
5. Diaporthe Zaviana *Sacc.*
6. — ascus.
7. — sporidia varia aetate.
8. Valsa millepunctata (*Grev.*) *Nke.*
9. — ascus.
10. — sporidia.
11. Cryptovalsa protracta (*Pers.*) *DNtrs.*
12. — ascus.
13. — sporidium.
14. Cryptovalsa Nitschkii *Fuck.*
15. — ascus.
16. — sporidium.
17. Cryptovalsa Rabenhorstii (*Nke*) *Sacc.*
18. — acervulus liberatus.
19. — ascus
20. — sporidium.
21. Valsa lata (*Pers.*) *Nke.*
22. — ascus.
23. — sporidium.
24. Valsa referciens *Nke.*
25. — acervulus liberatus.
26. — ostioli apex sulcatus.
27. — ascus
28. — sporidium.
29. Valsa scabrosa *Nke.*
30. — ascus.
31. — sporidium.
32. Valsa eutypa (*Ach.*) *Nke.*
33. — ascus.
34. — sporidium.
35. Valsa heteracantha *Sacc*
36. — acervulus auctus sectus.
37. — acervulus e latere.
38. — asci.
39. — sporidia.

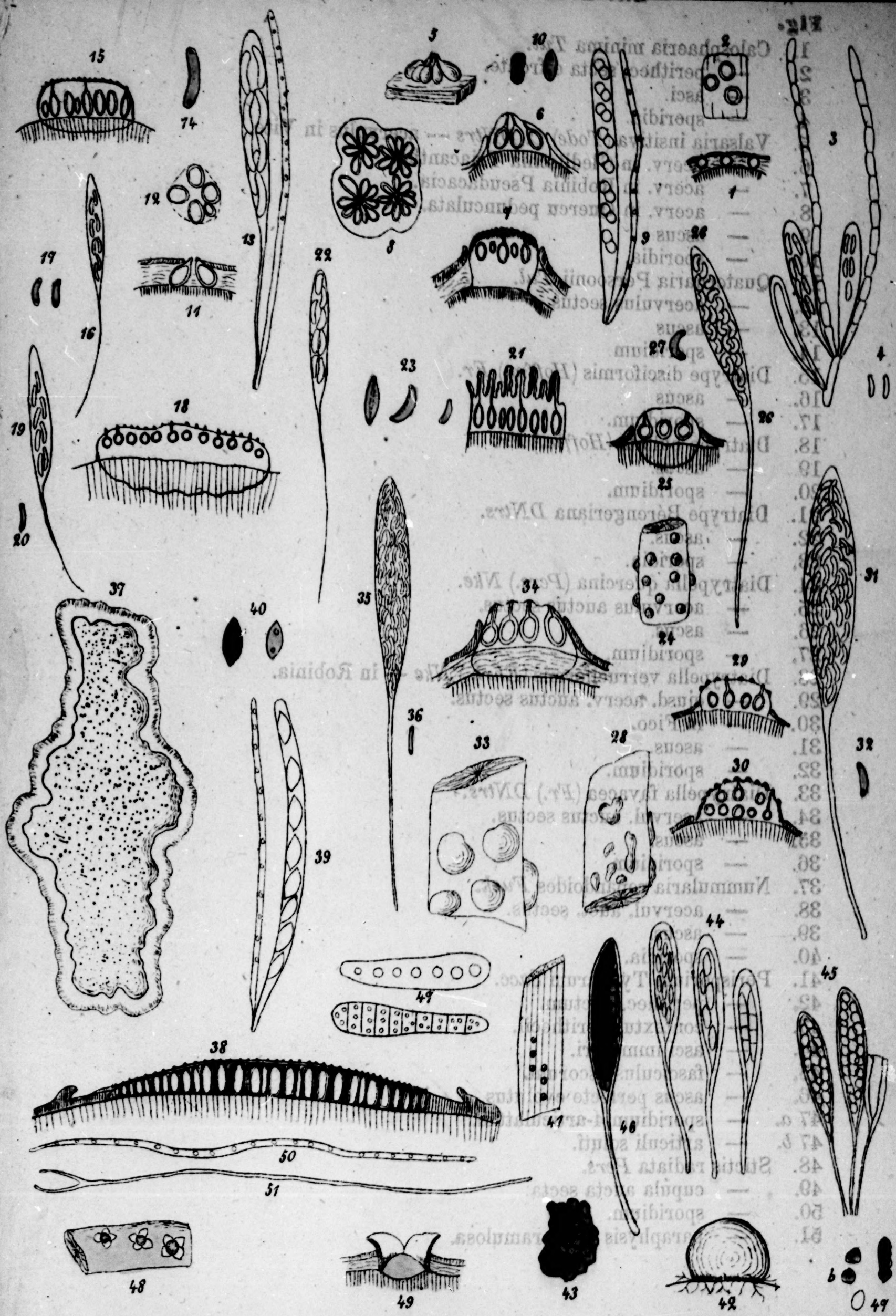
Fig.

40. — hyphae.
41. — fasciculus hypharum.
42. — conidium.
43. Anthostoma decipiens (*DC.*) *Nke.*
44. — ascus
45. — sporidia.
46. — spermatium.
47. Anthostoma taeniosporum *Sacc.*
48. — acervulus horiz. sectus.
49. — acerv. e fronte cum ostiolis.
50. — ascus.
51. — sporidia.
52. Anthostoma gastrinum (*Fr.*) *Sacc.* — forma Ulmi; acerv. cortice tect.
53. — forma Rhamni cathartici — acervulus liberatus.
54. — forma Carpini Betuli — acervulus liberatus.
55. — acerv. e fronte (ex Ulmo).
56. — ascus.
57. — sporidium.
58. Phyllachora Medicaginis *Sacc.*
59. — asci.
60. — sporidia.
61. Dothidea Mezerei *Fr.* — ascus.
62. — sporidium.
63. Endothia gyrosa (*Schw.*) *Fuck.* — ascus.
64. — sporidium.
65. — conidia cum paraph. (?)
66. Melogramma vagans *DNtrs.*
67. — sporidium.
68. Melogramma spiniferum (*Wallr.*) *DNtrs.*
69. — sporidium
70. Melogramma ferrugineum (*Pers.*) *C. DNtrs.*
71. — sporidium.
72. Calosphaeria Princeps *Tul.*
73. — ascus.
74. — sporidium.

EXPLICATIO TABULAE IV.

Fig.

1. Celosphaeria minima *Tul.*
2. — perithec. secta e fronte.
3. — asci.
4. — sporidia.
5. Valsaria insitiva (*Tode*) *C. DNtrs* — acervulus in Vite.
6. — acerv. in Gleditschia Triacantho.
7. — acerv. in Robinia Pseudacacia.
8. — acerv. in Quercu pedunculata.
9. — ascus.
10. — sporidia.
11. Quaternaria Persoonii *Tul.*
12. — acervulus sectus.
13. — ascus.
14. — sporidium.
15. Diatrype disciformis (*Hoffm.*) *Fr.*
16. — ascus
17. — sporidium.
18. Diatrype bullata (*Hoffm.*) *Fr.*
19. — ascus.
20. — sporidium.
21. Diatrype Bérengeriana *DNtrs.*
22. — ascus.
23. — sporidia.
24. Diatrypella quercina (*Pers.*) *Nke.*
25. — acervulus auctus sectus.
26. — ascus.
27. — sporidium.
28. Diatrypella verruciformis (*Ehrh.*) *Nke* — in Robinia.
29. — ejusd. acerv. auctus sectus.
30. — in Fico.
31. — ascus.
32. — sporidium.
33. Diatrypella favacea (*Fr.*) *DNtrs.*
34. — acervul. auctus sectus.
35. — ascus.
36. — sporidium.
37. Nummularia repandoides *Fuck.*
38. — acervul. auct. sectus.
39. — ascus.
40. — sporidia.
41. Perisporium Typharum *Sacc.*
42. — perithec. auctum.
43. — contextus perithecii.
44. — asci immaturi.
45. — fasciculus ascorum.
46. — ascus perfecte evolutus.
47 *a.* — sporidium 4-articulatum.
47 *b.* — articuli soluti.
48. Stictis radiata *Pers.*
49. — cupula aucta secta.
50. — sporidium.
51. — paraphysis apice ramulosa.



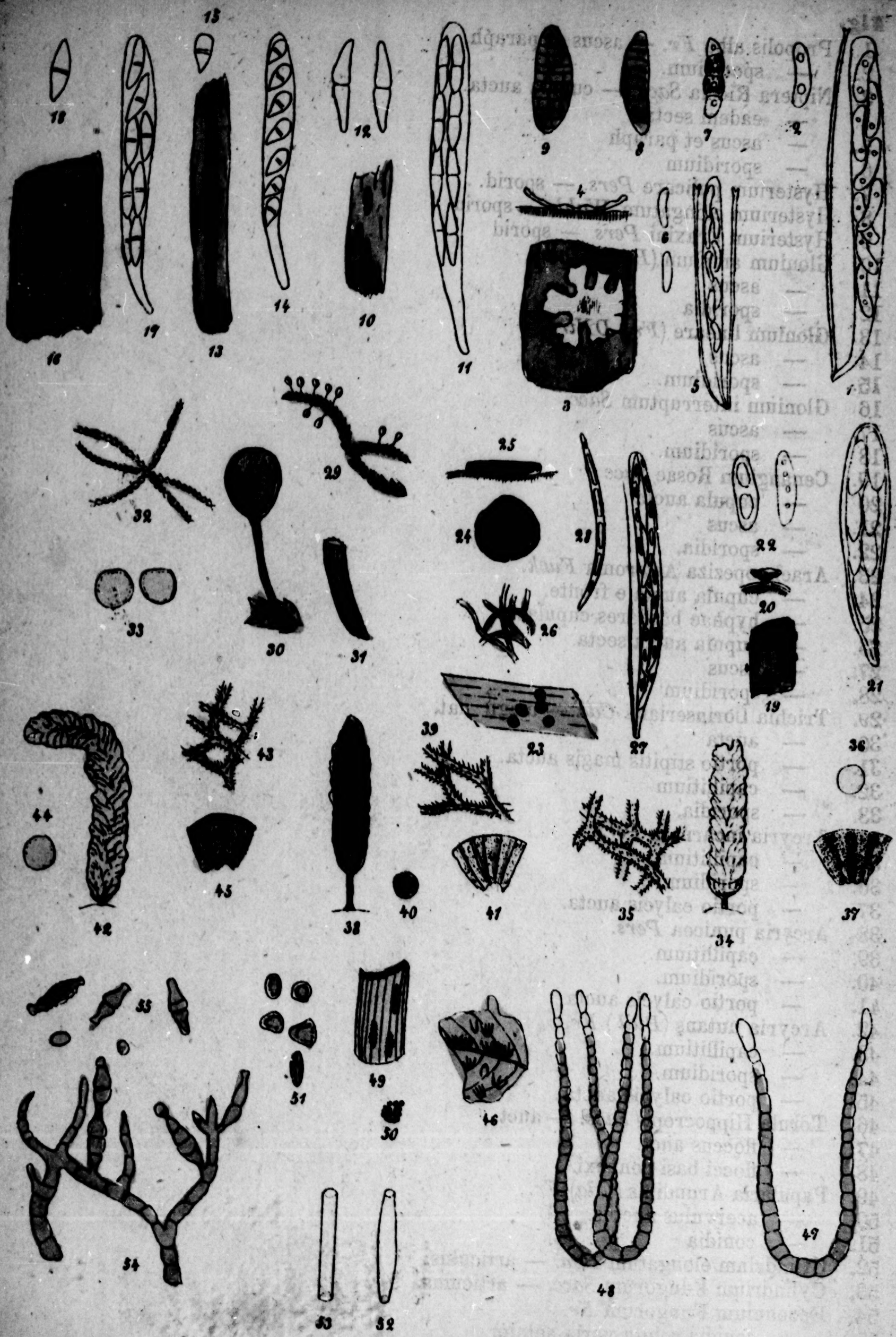


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Fig.

1. Propolis alba *Fr.* — ascus et paraph.
2. — sporidium.
3. Niptera Riccia *Sacc.* — cupula aucta.
4. — eadem secta.
5. — ascus et paraph
6. — sporidium
7. Hysterium pulicare *Pers.* — sporid.
8. Hysterium elongatum *Wahl* — sporid.
9. Hysterium Fraxini *Pers* — sporid
10. Glonium amplum (*B. B.*) *Duby.*
11. — ascus
12. — sporidia
13. Glonium lineare (*Fr.*) *DNtrs*
14. — ascus.
15. — sporidium.
16. Glonium interruptum *Sacc.*
17. — ascus
18. — sporidium.
19. Cenangium Rosae *Sacc*
20. — cupula aucta
21. — ascus
22. — sporidia.
23. Arachnopeziza Asteroma *Fuck.*
24. — cupula aucta e fronte.
25. — hyphae basilares cupulae.
26. — cupula aucta secta.
27. — ascus
28. — sporidium
29. Trichia Lorinseriana *Cda* — magn. nat.
30. — aucta
31. — portio stipitis magis aucta.
32. — capillitium.
33. — sporidia.
34. Arcyria incarnata *Pers.*
35. — capillitium.
36. — sporidium.
37. — portio calycis aucta.
38. Arcyria punicea *Pers.*
39. — capillitium.
40. — sporidium.
41. — portio calycis aucta
42. Arcyria nutans (*Bull*) *Fr.*
43. — capillitium.
44. — sporidium.
45. — portio calycis aucta.
46. Torula Hippocrepis *Sacc.* — auct.
47. — floccus auct.
48. — flocci basi connexi.
49. Papularia Arundinis (*Cda*) *Fr.*
50. — acervulus auctus.
51. — conidia
52. Cylindrinm elongatum *Bon.* — articulus.
53. Cylindrium Fungorum *Sacc.* — articulus.
54. Epochnium Fungorum *Fr.*
55. — conidia soluta varia aetate.

EXPLICATIO TABULAE UNI.

Fig.

1. Briarea aurea *Fuck.*
2. — ramuli in conidia mox mutandi
3. — conidia connexa
4. — conidia humecta, soluta.
5. Aspergillus sterigmatophorus *Sacc.*
6. — capituli et flocci portio auctior.
7. — sporophora ramosa.
8. — sporophorum conidiaque magis aucta.
9. Fusarium ciliatum (*A. S.*) *Lk* — conid.
10. Fusarium sambucinum *Fuck* (?) — conid.
11. Fusarium Salicis *Fuck.* — conid.
12. Fusarium Sphaeriae *Fuck.* — conid.
13. Micropera Cerasi *Sacc.* — auct.
14. — tuberculus auctior.
15. — conidium
16. Polynema hispidulum (*Schrad*) *Fr.* — conid.
17. Polynema decipiens (*DNtrs, Sacc.* — conid.
18. Coryneum microstictum *B.* et *B.*
19. — conidia varia aetate.
20. Coryneum Tecomae *Sacc.*
21. — conidia.
22. Hendersonia pulchella *Sacc.*
23. — conidium.
24. Hendersonia macrospora *B.* et *B.*
25. Pestalozzia monochaeta *Desm.* — conidia varia aetate.
26. Pestalozzia funerea *Desm.* — conid.
27. — var. — Galii — conid.
28. Pestalozzia pezizoides *DNtrs* — conidia varia aetate.

29 *a*. Ustilago Rudolphi *Tul.* — sporidia matura.

29 *b*. — sporid immaturum.

30. — sporidia conglomerata.
31. Ustilago Caricis (*Pers.*) *Fuck.* — sporid.
32. Ustilago Candollei *Tul.* — sporid.
33. Ustilago Luzulae *Sacc* — sporid.
34. — contextus episporii.
35. Puccinia Glechomae *D C.* — teleutosp.
36. Puccinia Prunorum *Lk.* — teleutosp.
37. — stylospora.
38 Puccinia Alliorum *Cda* — teleutosp.
39 Puccinia Centaureae *DC.* — teleutosp.
40. Puccinia coronata *Cda* — teleutosp.

41 *a*. Puccinia Convolvuli *Cast.* — teleutosp.

41 *b* — stylospora

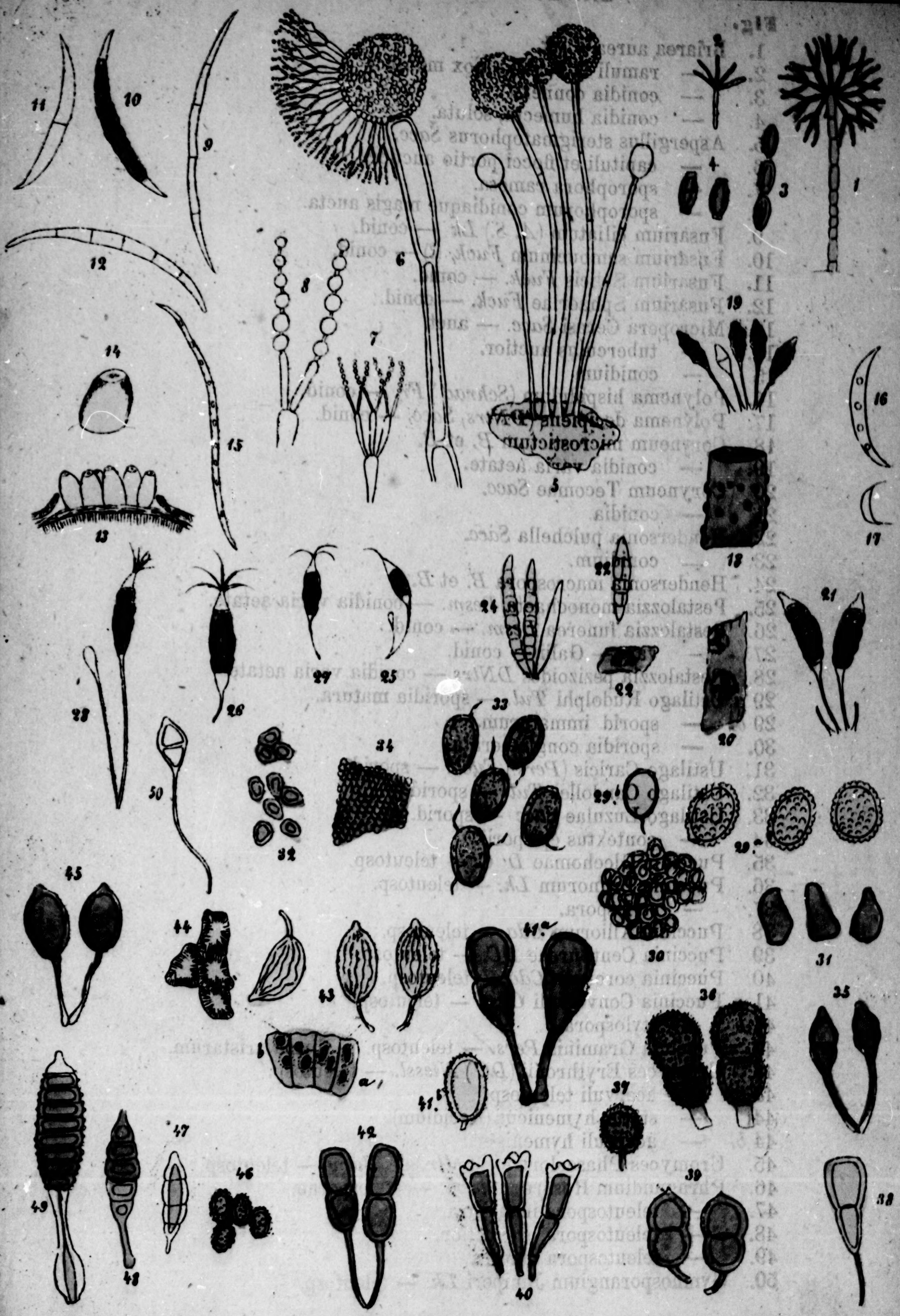
42. Puccinia Graminis *Pers.* — teleutosp. — forma aristarum.
43. Uromyces Erythronii (*DC*) *Niessl.* — teleutosp.

43 *a*. — acervuli teleutosp

44. — status hymenicus (Aecidium).

44 *b*. — acervuli hymenigeri

45. Uromyces Phaseolorum (*Wallr.*) *de Bary* — teleutosp.
46. Phragmidium Rosarum *Rabh.* — stylosporae.
47. — teleutospora immatura.
48. — teleutospora provectior.
49. — teleutospora matura.
50. Gymnosporangium Juniperi *Lk.* — teleutosp.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